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Model State Information System Training Program. Volume 12. Program Documentation, Exhibits (1983 Edition)

Cincinnati Univ., OH

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Model State Information System
Training Program

Volume XII

PROGRAM DOCUMENTATION
Exhibits

Prepared for the

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Part I

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Purpose

This document contains all input forms, record definitions, report layouts, and turnaround documents associated with the Model State Information System (MSIS) as designed by the SouthWestern Ohio Regional Computer Center (SWORCC). Each exhibit has a number in the format AAAA.NNN where AAAA is the subsystem abbreviation and NNN is a three digit number from one of the following divisions:

A. 100-199 for input forms;

B. 200-299 for record definitions;

C. 300-399 for report layouts; and

D. 400-499 for turnaround documents.

A list of all exhibit numbers as they appear within each subsystem is contained in Section III of this manual.

Form Description of Record Definition

Input forms and report layouts, because of their individual design, will not be described on an individual basis. Turnaround documents within MSIS are defined as input and output documents. As output documents, information is computer generated onto the form. As input documents, information which was not computer generated or which has changed, is filled in within the spaces provided. The form then serves as a keypunch or data entry document.

The "Record Definition" form is used to define the layout of all inputs and outputs used in MSIS, such as Processing Options, input transactions, and permanent files or tables. There are two types of this form. One has a cover page on one side and a detailed field description on the second side. The other type is used to continue with the detailed field description and contains detail lines on both sides. The fields on the cover page contain the following information:

1. OUTPUT OF SUBSYSTEM(S): identifies the subsystem(s) which creates this file.

2. INPUT TO SUBSYSTEM(S): identifies the subsystem(s) which utilizes this file.

3. DATE: contains the date of the original Record Definition or the date it was last updated.

4. EXHIBIT: contains a unique number identifying the Record Definition.

5. RECORD TYPE: states whether the record is fixed or variable length.

6. RECORD SIZE: contains the total record length for fixed type records and the minimum and maximum length for variable type records.

7. PAGE ___ OF ___: contains the specific page number and the total pages of a particular Record Definition.

8. RECORD ACCESS KEY: contains the name(s) of the data element(s) which uniquely identifies this record.

9. FILE NAME: contains the full file name.

10. FILE ID: contains the file initials.

11. RECORD NAME: contains the COBOL copy name of the Record Definition.

The detail page contains the following information:

1. FILE NAME: contains the full file name.
2. FILE ID: contains the file initials.
3. RECORD NAME: contains the "01 level" name of the Record Definition.
4. PAGE ___ OF ___: contains the page number.
5. LEVEL: contains the level number as it appears in the COBOL file structure.
6. MNEMONIC: contains the data element mnemonic name for permanent files and tables. These names are used in the Sort and Selection Processes, as well as on the Data Entry Error Report.
7. PROGRAM NAME: contains the descriptive, complete (up to thirty characters) data element name. This name is used in the COBOL programs to refer to the data element.
8. CAT. NO.: contains the unique catalogue number for all data elements, except group names which contain "GRP", which have been defined in the Data Elements Dictionary (DED). Data elements which were not defined in the DED do not have any catalogue numbers.
9. DATA TYPE: contains "A/N" for alphanumeric or "N" for numeric types of data elements.
10. PICTURE: contains the COBOL picture indicating the number of characters allowed for the data element.
11. OCCUR: contains the number of times a data element or group can be repeated.
12. VAR: "X" indicates the variable portion of a variable length record.
13. POSITIONS FROM/TO: contains the relative start and end positions which are used for the data element or group.

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE:

EXHIBIT:

RECORD TYPE:

PAGE: OF

RECORD SIZE:

RECORD ACCESS KEY:

INPUT TO SUBSYSTEM (S) :

FILE NAME:

FILE ID:

RECORD NAME:

MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME:
FILE ID:
RECORD NAME:
PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:

FILE ID:

RECORD NAME:

PAGE: OF

FIELD DESCRIPTION									
DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	**FILE ID:**	**RECORD NAME:**	**PAGE: OF**

FIELD DESCRIPTION									
DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

List of Exhibits

A. Public Water System Inventory Subsystem

1. Input Forms (page 35)

Exhibit #	Description
PWSI.100	Sort Options for Modules PWSI030 through PWSI080 and PWSI160
PWSI.101	Processing Options for Modules PWSI080 and PWSI130
PWSI.102	Inventory of Public Water Supplies, EPA Form 7500-11, Input form (National inventory)
PWSI.103	Processing Options for Module PWSI090
PWSI.104	Intentionally Left Out
PWSI.105	Restart Options for Module PWSI060
PWSI.106	Processing Options for Module PWSI070
PWSI.107	PWF and PHF Selection Form-Definition of Data Elements
PWSI.108	PWF and PHF Selection Form-Definition of Logic for Selection
PWSI.109 and PWSI.110	Intentionally Left Out
PWSI.111	Processing Options for Module PWSI010
PWSI.112	Processing Options for Module PWSI020
PWSI.113	Processing Options for Module PWSI020
PWSI.114	Record Status and Deletion Form
PWSI.115	PWS ID Conversion Transaction File
PWSI.116	Processing Options for Module PWSI125
PWSI.117	Processing Options for Module PWSI150
PWSI.118	Entry Point Creations and Maintenance Form
PWSI.119	Trihalomethane Data Entry and Maintenance Form
PWSI.120 thru PWSI.130	Intentionally Left Blank
PWSI.131	Non-Community Strategy Data Input Form

2. Record Definitions (page 49)

Exhibit #	Description
PWSI.200	Public Water File (PWF) layout
PWSI.201	Public Water Table (PWT) layout
PWSI.202	Public History File (PHF) layout
PWSI.203	National PWS Inventory layout
PWSI.204	Comprehensive Report File header record layout
PWSI.205	Restart Option, PWSI060, layout
PWSI.206	Condensed/Production Data/Discretionary Report File header record layout
PWSI.207	SEL1 Selection Options, PWSI080, layout
PWSI.208	Processing Options, PWSI070, layout

PWSI.209	Processing Options, PWSI090, layout
PWSI.210	SEL2 Selection Options, PWSI080, layout
PWSI.211	Processing Options, PWSI010, layout
PWSI.212	Processing Options, PWSI130, layout
PWSI.213	Card Code 00, 98, 99 layout
PWSI.214	Card Code 01 layout
PWSI.215	Card Code 02 layout
PWSI.216	Card Code 03 layout
PWSI.217	Card Code 04 layout
PWSI.218	Card Code 05 layout
PWSI.219	Card Code 06 layout
PWSI.220	Card Code 07 layout
PWSI.221	Card Code 08 layout
PWSI.222	Card Code 09 layout
PWSI.223	Card Code 10 layout
PWSI.224	Card Code 11 layout
PWSI.225	Card Code 12 layout
PWSI.226	Card Code 13 layout
PWSI.227	Card Code 14 layout
PWSI.228	Card Code 15 layout
PWSI.229	Card Code 16 layout
PWSI.230 thru PWSI.232	Intentionally Left Out
PWSI.233	Card Code 17 layout
PWSI.234	Public Water Table (PWT) header record layout
PWSI.234.1	Laboratory Table (LBT) header record layout
PSWI.234.2	Laboratory Table (LBT) header record layout
PWSI.235	Processing Options, PWSI120, layout
PWSI.236	SEL1 Selection Options, PWSI020, layout
PWSI.237	SEL2 Selection Options, PWSI020, layout
PWSI.238	Processing Options, PWSI020, layout
PWSI.239	Sort Options, PWSI030 through PWSI080, layout
PWSI.240	Processing Options, PWSI080, layout
PWSI.241	PWS ID Conversion Transaction layout
PWSI.242	Processing Options, PWSI125, layout
PWSI.243	Processing Options, PWSI150, PWSI160, layout

3. Report Layouts (page 155)

Exhibit #	Description
PWSI.300	Condensed Report
PWSI.301	State Discretionary Data Report
PWSI.302	Production Data Report
PWSI.303	Comprehensive Report
PWSI.304	Intentionally Left Out
PWSI.305	Conversion Data Report
PWSI.306	PHF Purge Report
PWSI.307	Public Water History Update Report
PWSI.308	Intentionally Left Out

PWSI.309	Update Statistics Report
PWSI.310	Intentionally Left Out
PWSI.311	PHF Selection Report
PWSI.312	PHF Purge Statistics Report
PSWI.313	PWF Transaction Report
PWSI.314	PWT Create Statistics Report
PWSI.315	Unused PWS ID Conversion Transaction Report
PWSI.316	Nonconverted PWF Transaction Report

4. Turnaround Documents (page 170)

Exhibit #	Description
PWSI.400	Public Water File (PWF) Record Creation and Maintenance Form, page 1 (Turnaround Document)
PWSI.401	Public Water File (PWF) Record Creation and Maintenance Form, Page 2 (Turnaround Document)

B. Regulations Subsystem

1. Input Forms (page 173)

Exhibit #	Description
REGS.100	Processing Options for Module REGS010
REGS.101	Chemical Contaminant Input Form
REGS.102	Turbidity Contaminant Input form
REGS.103	Population Table for Bacteriological Sampling Input Form
REGS.104	Bacteriological Contaminant Input Form
REGS.105	Fluoride MCL Table Input Form
REGS.106	Major Beta Emitter Table Input Form
REGS.107	Gross Alpha Radionuclide Contaminant Input Form
REGS.108	Gross Beta Radionuclide Contaminant Input Form
REGS.109	Processing Options for Module REGS020
REGS.110	Early Notification Table Input Form

2. Record Definitions (page 183)

Exhibit #	Description
REGS.200	Card Code C1 layout
REGS.201	Card Code C2 layout
REGS.202	Card Code T1 layout
REGS.203	Card Code P1 layout
REGS.204	Card Code M1 layout
REGS.205	Card Code F1 layout
REGS.206	Card Code E1 layout
REGS.207	Card Code A1 layout
REGS.208	Card Code B1 layout
REGS.209	Processing Options, REGS020, layout
REGS.210	Processing Options, REGS010, layout
REGS.211	Card Code N1 layout
REGS.212 thru REGS.249	Intentionally Left Out
REGS.250	Chemical Regulations layout
REGS.251	Turbidity Regulations layout
REGS.252	Bacteriological Population Regulations layout
REGS.253	Bacteriological Regulations layout
REGS.254	Fluoride MCL Regulations layout
REGS.255	Major Beta Emitter Regulations layout
REGS.256	Gross Alpha Regulations layout
REGS.257	Gross Beta Regulations layout
REGS.258	Record Definition for Early Notification Table layout

3. Report Layouts (page 253)

Exhibit #	Description
REGS.300	Intentionally Left Out
REGS.301	Regulations Report - Chemical Contaminants
REGS.302	Regulations Report - urbidity Contaminant
REGS.303	Regulations Report - BACTI Population Table Sample
REGS.304	Regulations Report - Bacteriological Contaminant
REGS.305	Regulations Report - Fluoride MCL Table
REGS.306	Regulations Report - Major Beta Emitters Table
REGS.307	Regulations Report - Gross Alpha Contaminants
REGS.308	Regulations Report - Gross Beta Contaminants
REGS.309	Regulations Report - Early Notification Table

C. Water Quality Compliance Subsystem

1. Input Forms (page 263)

Exhibit #	Description
WAQC.100	Processing Options for Module WAQC210
WAQC.101	Laboratory Table Input Form, page 1
WAQC.102	Laboratory Table Input Form, page 2
WAQC.103	Processing Options for Modules WAQC010 and WAQC020
WAQC.104	Sort Options for Modules WAQC011, WAQC012, WAQC016 through WAQC019, WAQC040 through WAQC090, and WAQC110 through WAQC113
WAQC.105	Sample Deletion Transactions Input Form for the Periodic Sample File
WAQC.106	Chemical or Radiological Analysis Input Form - '03'
WAQC.107	Bacteriological or Turbidity Analysis Input Form - '05'
WAQC.108	Bacteriological or Turbidity Summary Analysis Input Form - '07'
WAQC.109	Chemical/Radiological Analysis Input Form - '09'
WAQC.110	Sample Deletion Transactions Input Form for the Sample Analysis File
WAQC.111	Processing Options for Modules WAQC005, WAQC011, WAQC013 and WAQC125
WAQC.112	Intentionally Left Out
WAQC.113	Processing Options for Module WAQC220
WAQC.114	Processing Options for Module WAQC130
WAQC.115	Processing Options for Module WAQC100
WAQC.116	SAF and VIF Selection Form - Definition of Data Elements
WAQC.117	SAF and VIF Selection Form - Definition of Logic for Selection
WAQC.118	Processing Options for Module WAQC120
WAQC.119	Violations File (VIF) Record Creation and Maintenance Form - '01'
WAQC.120	Violations File (VIF) Record Creation and Maintenance Form - '02'
WAQC.121	Processing Options for Module WAQC025
WAQC.122	Violations File (VIF) Record Creation and Maintenance Form - '03'
WAQC.123	Violations File (VIF) Record Creation and Maintenance Form - '04'
WAQC.124	Sample Scheduling Input Form
WAQC.125	Restart Options for Modules WAQC150, WAQC170, and WAQC180
WAQC.126	PWS Consecutive Contaminant Input Form
WAQC.127	Intentionally Deleted
WAQC.128	Processing Options for Module WAQC012
WAQC.129	Processing Options for Module WAQC012
WAQC.130	Violations File (VIF) Delete Transactions

2. Record Definitions (page 289)

Exhibit #	Description
WAQC.200	Processing Options, WAQC210, layout
WAQC.201	Card Code L1 layout
WAQC.202	Card Code L2 layout
WAQC.203	Processing Options, WAQC010, layout
WAQC.204	Sort Opitons, WAQC011, layout
WAQC.205	Sample Deletion Transactions - PSF layout
WAQC.206	Transaction Code 03 and 05 layout
WAQC.207	Transaction Code 07 layout
WAQC.208	Transaction Code 09 layout
WAQC.209	Processing Options, WAQC020, layout
WAQC.210	Sample Deletion Transactions - SAF layout
WAQC.211	PSF Transaction File
WAQC.212	Sort Options, WAQC040 through WAQC090 and WAQC110 through WAQC113, layout
WAQC.213	Violations Report File header record layout
WAQC.214	Processing Options, WAQC011, layout
WAQC.215	Processing Options, WAQC220, layout
WAQC.216	Violations Report File (MCL) layout
WAQC.217	Intentionally Left Out
WAQC.218	Processing Options, WAQC025, layout
WAQC.219	Scheduling Report File header record layout
WAQC.220	Scheduling Report File layout
WAQC.221	Compliance File header record layout
WAQC.222	Processing Options, WAQC120, layout
WAQC.223	Card Code 00 and 99 layout
WAQC.224	Card Code 01 layout
WAQC.225	Card Code 02 layout
WAQC.226	Record Definition for WAQC012 Processing Options Card
WAQC.227	Record Definition for WAQC012 Processing Options Card
WAQC.228	Analysis Report File header record layout
WAQC.229 and WAQC.230	Intentionally Left Out
WAQC.231	Violations Report File (Sampling) layout
WAQC.232	Violations Report File (Operations Report) layout
WAQC.233	Processing Options, WAQC100, layout
WAQC.234	Analysis Report File (Chemical and Radiological) layout
WAQC.235	Analysis Report File (Bacteriological and Turbidity) layout
WAQC.236	Processing Options, WAQC125, layout
WAQC.237	SEL1 Selection Options, WAQC125,

	layout
WAQC.238	SEL2 Selection Options, WAQC125, layout
WAQC.239	Intentionally Left Out
WAQC.240	SEL1 Selection Options, WAQC100, layout
WAQC.241	SEL2 Selection Options, WAQC100, layout
WAQC.242	Labels Report File layout
WAQC.243	Labels Report File header record layout
WAQC.244	Processing Options, WAQC130, layout
WAQC.245	Sample Scheduling Transaction layout
WAQC.246	Restart Options, WAQC150, WAQC170, and WAQC180, layout
WAQC.247 thru WAQC.249	Intentionally Left Out
WAQC.250	Laboratory Table (LBT) layout
WAQC.251	Periodic Sample File (PSF) header record layout
WAQC.252	Periodic Sample File (PSF) layout
WAQC.253	Early Notification Report File
WAQC.254	Sample Analysis File (SAF) layout
WAQC.255	Violations File (VIF) layout
WAQC.256	Laboratory Table (LBT) header record layout
WAQC.257	Compliance Status File (CSF) layout
WAQC.258	Processing Options, WAQC015, layout
WAQC.259	SEL1 Selection Options, WAQC015, layout
WAQC.260	SEL2 Selection Options, WAQC015, layout
WAQC.261	PSF Chemical/Radiological/Bacteriological/Turbidity Analysis Select File header record, layout
WAQC.262	PSF Chemical/Radiological/Bacteriological/Turbidity Analysis Select File, layout
WAQC.263	Laboratory Table (LBT) Header record layout
WAQC.264	Laboratory Table (LBT) Pointer record layout
WAQC.265	Laboratory Table (LBT) Index record layout
WAQC.266	PWS Consecutive Contaminant record layout
WAQC.267	Processing Options record layout for Module WAQC115

3. Report Layouts (page 435)

Exhibit #	Description
WAQC.300	Laboratory Table Report
WAQC.301	Update Report - Periodic Sample File

WAQC.302	Intentionally Left Out
WAQC.303	Input Transactions Report - Periodic Sample File
WAQC.304	Sample Analysis File Deletion Report
WAQC.305	Trihalomethane Sampling Violations Report
WAQC.306	Chemical MCL Violations Report
WAQC.307	Bacteriological MCL Violations Report
WAQC.308	Turbidity MCL Violations Report
WAQC.309	Radiological MCL Violations Report
WAQC.310	Chemical Sampling Violations Report
WAQC.311	Bacteriological Sampling Violations Report
WAQC.312	Turbidity Sampling Violations Report
WAQC.313	Radiological Sampling Violations Report
WAQC.314	Trihalomethane MCL Violations Report
WAQC.315	Sample Analysis File Purge Report
WAQC.316	Sample Analysis File Purge Statistics Report
WAQC.317 and WAQC.318	Intentionally Left Out
WAQC.319	PWS's Scheduled for Chemical and Radiological Sampling
WAQC.320	Compliance Summary Report
WAQC.321	Summary of Chemical Analysis Report
WAQC.322	Summary of Radiological Analysis Report
WAQC.323	Summary of Bacteriological Analysis Report
WAQC.324	Summary of Turbidity Analysis Report
WAQC.325	Late Monthly Operations Report
WAQC.326	Violations Warnings Report
WAQC.327	Completion Report
WAQC.328	Intentionally Left Out
WAQC.329	Mailing Labels
WAQC.330	Operations Report Form
WAQC.331	PSF Summary of Chemical Analysis Report
WAQC.332	PSF Summary of Radiological Analysis Report
WAQC.333	PSF Summary of Bacteriological Analysis Report
WAQC.334	PSF Summary of Turbidity Analysis Report
WAQC.335	Retained PWF Completion Report
WAQC.336	Completion Report
WAQC.337	Sample Transactions Statistics Report
WAQC.338	Early Notification of Potential Sample Abnormalities Report
WAQC.339	Summary of Potential Sample Abnormalities Report, Page 1
WAQC.340	Summary of Potential Sample Abnormalities Report, Page 2

4. Turnaround Documents (page 465)

Exhibit #	Description
WAQC.400	Chemical or Radiological Analysis Input Form (Turnaround Document)
WAQC.401	Bacteriological or Turbidity Analysis Input Form (Turnaround Document)
WAQC.402	Bacteriological or Turbidity Summary Analysis Input Form (Turnaround Document)

D. Federal Reporting Subsystem (page 469)

1. Input Forms

Exhibit #	Description
FEDR.100	Processing Options for Module FEDR010
FEDR.101	Processing Options for Module FEDR020

2. Record Definitions (page 471)

Exhibit #	Description
FEDR.200	Processing Options, FEDR010, layout
FEDR.201	Date Options File
FEDR.202	Deviations File (DVF) layout
FEDR.203	Processing Options, FEDR020, layout
FEDR.205	Enforcement Actions File (EAF) layout

3. Report Layouts (page 479)

Exhibit #	Description
FEDR.300	Completion Report

E. Standard Processing Subsystem

1. Input Forms (page 481)

Exhibit #	Description
MSIS.100	Processing Options for Module MSIS050
MSIS.101	Processing Options for Modules MSIS030 and MSIS040
MSIS.102	Error Message Table Input Form
MSIS.103	Code Value Table Input Form
MSIS.104	Data Element Table Input Form
MSIS.105	Intentionally Left Out
MSIS.106	SHF Selection Form - Definition of Data Elements
MSIS.107	SHF Selection Form - Definition of Logic for Selection
MSIS.108	Sort Options for Module MSIS040

2. Record Definitions (page 491)

Exhibit #	Description
MSIS.200	Processing Options, MSIS020, layout (internally generated)
MSIS.201	Data Element Table (DET) layout
MSIS.202	Standard History File (SHF) layout
MSIS.203	Processing Options, MSIS050, layout
MSIS.204	Processing Options, MSIS030 and MSIS040, layout
MSIS.205	Error Message Table (EMT) layout
MSIS.206	Code Value Table (CVT) layout
MSIS.207	Standard Error File (SEF) layout
MSIS.208	Processing Options, MSIS010, layout (internally generated)
MSIS.209	Intentionally Left Out
MSIS.210	SEL1 Selection Options, MSIS040, layout
MSIS.211	SEL2 Selection Options, MSIS040, layout
MSIS.212	Sort Options, MSIS040, layout
MSIS.213	SHF Purged file and MSIS020 input layout
MSIS.214	Intentionally Left Out
MSIS.215	Optional Error File (OEF) layout

3. Report Layouts (page 523)

Exhibit #	Description
MSIS.300	Standard Update Statistics Report
MSIS.301	Update Report
MSIS.302	Error Message Table Report
MSIS.303	Code Value Table Report
MSIS.304	Data Element Table Report
MSIS.305	Purge of the Standard History File Report

MSIS.306	Standard Selection Statistics/Sort Sequence Report
MSIS.307	Selection of the Standard History File Report
MSIS.308	Error in Card Code Report
MSIS.309	Standard Error Report
MSIS.310	Standard Warning Report
MSIS.311	Standard Sort Sequence Report
MSIS.312	Standard Selection Statistics Report
MSIS.313	Data Entry Error Report

F. Variances and Exemptions Subsystem

1. Input Forms (page 537)

Exhibit #	Description
VAEX.100	Variances and Exemptions File (VEF) Record Creation and Maintenance Form, page 1
VAEX.101	Variances and Exemptions File (VEF) Record Creation and Maintenance Form, page 3
VAEX.102	Processing Options for Module VAEX010
VAEX.103	Sort Options for Module VAEX040
VAEX.104	Processing Options for Module VAEX040
VAEX.105	VEF Selection Form - Definition of Data Elements
VAEX.106	VEF Selection Form - Definition of Logic for Selection
VAEX.107	Variances and Exemptions File (VEF) Record Creation and Maintenance Form, page 2

2. Record Definitions (page 545)

Exhibit #	Description
VAEX.200	Card Code 00 and 99 layout
VAEX.201	Card Code 01 layout
VAEX.202	Card Code 02 through 09 and 10 through 17 layout
VAEX.203	Card Code 20 layout
VAEX.204	Card Code 21 through 24 layout
VAEX.205	Card Code 25 layout
VAEX.206	Processing Options, VAEX010, layout
VAEX.207	Sort Options, VAEX040, layout
VAEX.208	Compliance in Arrears Report file layout
VAEX.209	Compliance Schedule Report file layout
VAEX.210	Condensed/Case History Report file layout
VAEX.211	Compliance Schedule Report file header record layout
VAEX.212	Variances and Exemptions File (VEF) layout
VAEX.213	Condensed/Case History Report file header record layout
VAEX.214	Processing Options VAEX040, layout
VAEX.215	SEL1 Selection Options, VAEX040, layout
VAEX.216	SEL2 Selection Options, VAEX040, layout
VAEX.217	Compliance in Arrears Report file header record layout

3. Report Layouts (page 591)

Exhibit #	Description
VAEX.300 and VAEX.301	Intentionally Left Out
VAEX.302	Compliance Schedule Report
VAEX.303	Compliance Schedule Report (page 2)
VAEX.304	Compliance in Arrears Report
VAEX.305	Compliance in Arrears Report (page 2)
VAEX.306	Condensed Report
VAEX.307	Case History Report
VAEX.308	Case History Report (page 2)

G. Sanitary Survey Subsystem

1. Input Forms (page 645)

Exhibit #	Description
SRVY.100	Processing Options for Module SRVY010
SRVY.101	Sort Options for Module SRVY010

2. Record Definitions (page 647)

Exhibit #	Description
SRVY.200	Processing Options, SRVY010, layout
SRVY.201	Sort Options, SRVY010, layout
SRVY.202	Intentionally Left Out
SRVY.203	Priority Report file layout
SRVY.204	Priority Report file header record layout
SRVY.205	Survey Schedule Report file layout
SRVY.206	Survey Schedule Report file header record layout

3. Report Layouts (page 671)

Exhibit #	Description
SRVY.300	Priority Report
SRVY.301	Schedule Report

H. Operator and Mailing Subsystem

1. Input Forms (page 673)

Exhibit #	Description
OPER.100	Operator and Mailing File (OMF) Record Creation and Maintenance Form
OPER.101	Processing Options for Module OPER010
OPER.102	Processing Options for Module OPER020
OPER.103	Sort Options for Module OPER020
OPER.104	OMF Selection Form - Definition of Data Elements
OPER.105	OMF Selection Form - Definition of Logic for Selection

2. Record Definitions (page 679)

Exhibit #	Description
OPER.200	Operator and Mailing File (OMF) layout
OPER.201	Card Code 01 layout
OPER.202	Card Code 02 layout
OPER.203	Card Code 03 layout
OPER.204	Card Code 00 and 99 layout
OPER.205	Operator Report file layout
OPER.206	Distribution Report file layout
OPER.207	Operator Report file header record layout
OPER.208	Distribution Report file header record layout
OPER.209	Processing Options, OPER010, layout
OPER.210	Processing Options, OPER020, layout
OPER.211	Mailing Labels Report file layout
OPER.212	Sort Options, OPER020, layout
OPER.213	SEL1 Selection Options, OPER020, layout
OPER.214	SEL2 Selection Options, OPER020, layout
OPER.215	Mailing Labels report file header record layout

3. Report Layouts (page 715)

Exhibit #	Description
OPER.300	Operator Activity Report
OPER.301	Certified Operators Report
OPER.302	Mailing Distribution Report
OPER.303	Addressee Activity Report
OPER.304	Mailing Labels

Glossary

Terms are included in this glossary only if their meaning differs from those found in a standard English language dictionary.

Analysis:

The separation of any abstract entity or material into its constituant elements, such as chemical-intentionally produced decomposition or separation of materials into their ingredients to find their kind or quality.

Analysis Method:

The method or technique utilized to obtain analysis results.

Analytical Techniques:

The methods used to determine the components of a substance, especially raw water.

Batch Processing:

A procedure in which a number of transactions, for example on keypunched cards, are accumulated before being processed together.

Check Sampling:

The act of acquiring additional quantities of water for analysis over and above the regular samples due to the suspicion of violating maximum contaminant levels.

Code:

A system used for brevity of communication in which arbitrarily chosen words, letters, or symbols are assigned definite meanings.

Computer:

A machine which accepts input data, processes it, and gives output data.

Computer Program:

A sequence of computer-readable instructions used in conjunction with appropriate data to perform specified logical tasks.

Preceding pages blank

Correction:

Additions, deletions, or changes to a computer file.

Course:

All content taught in one individual MSIS training program volume. A course is subdivided into units.

Data:

Raw facts or statistics which alone have little or no meaning, but as a group allow some meaningful relationships to be drawn.

Data Element:

An identifiable item of information within a record. See the Data Element Dictionary for all data elements used in MSIS.

Data Processing:

The act of manipulating information to obtain a desired result, especially with the use of a computer.

Economical:

Of or pertaining to the financial reasons for granting variances and exemptions.

Enforcement:

The act of creating and maintaining compliance using coercive methods.

Enforcement Action:

An action intended to generate compliance.

Exemption:

The right to ignore a requirement with respect to a maximum contaminant level or treatment technique due to compelling factors.

Field:

See data element.

File:

A collection of records systematically arranged to facilitate quick reference; may be stored on magnetic tape or magnetic disk.

Goal:

A general achievement toward which effort is directed.

Gross Alpha:

A group of substances which emit Alpha particle radiation.

Gross Beta:

A group of substances which emit Beta particle radiation.

Hardware:

The physical equipment in a data processing system (contrasted with software)

Input:

Information which is specially prepared for acceptance by computer programs. Usually written down on special forms, then put into machine-readable form by, for example, keypunching.

Internal:

Data processing occurring within the computer automatically according to instructions from computer programs.

Information:

Data that has been processed to obtain specific results which increase knowledge of the recipient and is used as the basis for decision making.

Inorganic:

Of or pertaining to substances that are not hydrocarbons or their derivatives.

Integrity:

Presumed reliability of data.

Inventory:

A detailed, descriptive list, for example, of Public Water Systems.

Law:

The Safe Drinking Water Act, especially as expanded by the related EPA regulations.

Magnetic disk:

A device which stores data on the magnetizable surfaces of one or more rotating disks, which look like a stack of phonograph records.

Magnetic tape:

A device which stores data on the magnetizable surface of a long strip of tape (the tape is typically 1 inch wide and 2400 feet long).

Maintain:

Actions taken to ensure up-to-date computer files.

Management Information System:

An organized method of maintaining facts pertinent to the governing of the operations of an organization.

Model State Information System:

(MSIS), a batch computer system designed to (1) maintain records on Public Water Systems and the quality of the water they supply, and (2) prepare reports.

Monitor:

The act of (1) a PWS observing and checking water quality or (2) a State observing and checking PWS's.

National Inventory File:

A computerized list of many Public Water Systems in the United States; previously used to monitor Public Water Systems quality.

Objective:

A specific achievement that efforts are intended to attain.

Online Processing:

A procedure for inputting data, often by typewriter terminal, into the computer whenever needed for immediate data processing.

Operator:

One who runs a Public Water System.

Organic:

Of or pertaining to substances that are hydrocarbons or their derivatives.

Output:

Any information passed from the computer.

Primacy:

Primary enforcement responsibility for carrying out the Safe Drinking Water Act of 1974.

Public Water System:

(PWS), a set of components for the provision of piped water to persons for human consumption, if such facility has at least fifteen service connections or regularly serves at least twenty-five individuals.

Purge:

To remove from a computer file those items no longer desired.

Raw Water:

Water at the source before any treatment.

Record:

A logical group of data elements.

Regulation:

A rule, created by EPA, within the guidelines established by the SDWA and having the same authority.

Report:

Information formatted by the computer in either human-readable form (such as a printed or microfiche report) or machine-readable form (such as a magnetic tape).

Sample:

A portion of the whole to represent the whole, especially water.

Sanitary Survey:

An on-site review of the water source, facilities, equipment, operation, and maintenance of a Public Water System for the purpose of evaluating the adequacy of such source for producing, and distributing safe drinking water.

Selection Process:

The method used by MSIS for selecting information from a computer file for use in a report. Many different criteria can be used in the selection of the data.

Software:

The computer programs required for the computer to work.

Subsystem:

A subset of the MSIS computer system. There are nine MSIS subsystems.

System:

A method or methods of accomplishing a function or functions, especially with a computer.

Table:

A computer file of brief information usually set up in logical relationships to permit quick access, often on magnetic disk.

Turnaround Document:

A form containing computer-printed information which needs additional information written on it; called "turnaround" since it is both an output and an input.

Unit:

A subset of teaching material within a course.

Update:

To bring up to date; revise with corrections and additions.

Variance:

The right to deviate from an applicable national drinking water regulation because of characteristics of the raw water source which are available, and which cannot be corrected by available means.

Violation:

Infringement or infraction of the law.

PWSI030,040,
050,060,
070,080,
160

PWSI.100

MODEL STATE INFORMATION SYSTEM
PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

SORT OPTIONS FOR JOB ________________

CARD ID	SORT SEQUENCE	MNEMONIC NAME OF DATA ELEMENT	SORT MODE	
S O R T 1-4	☐☐ 5-6	☐☐☐☐☐☐☐☐☐☐ 7-16	☐ 17	A=ASCENDING D=DESCENDING
	☐☐ 18-19	☐☐☐☐☐☐☐☐☐☐ 20-29	☐ 30	A=ASCENDING D=DESCENDING
	☐☐ 31-32	☐☐☐☐☐☐☐☐☐☐ 33-42	☐ 43	A=ASCENDING D=DESCENDING
	☐☐ 44-45	☐☐☐☐☐☐☐☐☐☐ 46-55	☐ 56	A=ASCENDING D=DESCENDING
	☐☐ 57-58	☐☐☐☐☐☐☐☐☐☐ 59-68	☐ 69	A=ASCENDING D=DESCENDING

PREPARED BY ______________________________ DATE ___/___/___

APPROVED BY ______________________________ DATE ___/___/___

PWSI080,130 PWSI.101

MODEL STATE INFORMATION SYSTEM

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

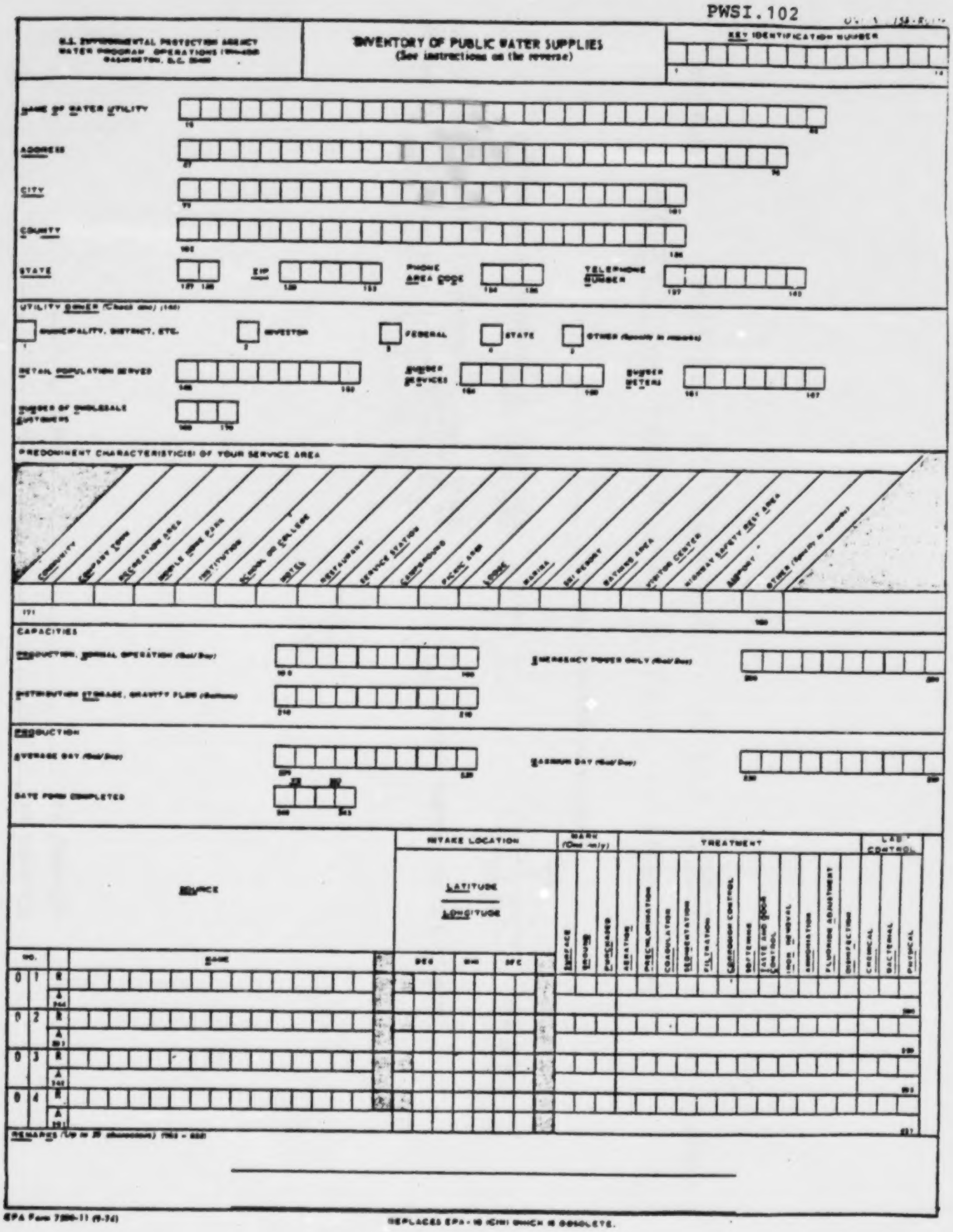
PROCESSING OPTIONS FOR JOB ____________

CARD ID	DATE M D Y
P R O C	☐☐☐☐☐☐
1-4	5-10

PREPARED BY ________________ DATE __/__/__

PREPARED BY ________________ DATE __/__/__

PWSI.102 [illegible] 158-R[illegible]



U.S. ENVIRONMENTAL PROTECTION AGENCY
WATER PROGRAM OPERATIONS [illegible]
WASHINGTON, D.C. [illegible]

INVENTORY OF PUBLIC WATER SUPPLIES
(See instructions on the reverse)

KEY IDENTIFICATION NUMBER ☐☐☐☐☐☐☐☐☐☐☐☐☐☐

NAME OF WATER UTILITY

ADDRESS

CITY

COUNTY

STATE

ZIP

PHONE AREA CODE

TELEPHONE NUMBER

UTILITY OWNER (Check one)

☐ MUNICIPALITY, DISTRICT, ETC. ☐ INVESTOR ☐ FEDERAL ☐ STATE ☐ OTHER (Specify in remarks)

RETAIL POPULATION SERVED

NUMBER SERVICES

NUMBER METERS

NUMBER OF WHOLESALE CUSTOMERS

PREDOMINANT CHARACTERISTIC(S) OF YOUR SERVICE AREA

COMMUNITY	COMPANY TOWN	RECREATION AREA	MOBILE HOME PARK	INSTITUTION	SCHOOL OR COLLEGE	HOTEL	RESTAURANT	SERVICE STATION	CAMPGROUND	PICNIC AREA	LODGE	MARINA	SKI RESORT	BATHING AREA	VISITOR CENTER	HIGHWAY SAFETY REST AREA	AIRPORT	OTHER (Specify in remarks)
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

CAPACITIES

PRODUCTION, NORMAL OPERATION (Gal/Day)

EMERGENCY POWER ONLY (Gal/Day)

DISTRIBUTION STORAGE, GRAVITY FLOW (Gallons)

PRODUCTION

AVERAGE DAY (Gal/Day)

MAXIMUM DAY (Gal/Day)

DATE FORM COMPLETED

SOURCE			INTAKE LOCATION LATITUDE / LONGITUDE			MARK (One only)			TREATMENT													LAB CONTROL		
NO.		NAME	DEG	MIN	SEC	SURFACE	GROUND	PURCHASED	AERATION	PRECHLORINATION	COAGULATION	SEDIMENTATION	FILTRATION	CORROSION CONTROL	SOFTENING	TASTE AND ODOR CONTROL	IRON REMOVAL	AMMONIATION	FLUORIDE ADJUSTMENT	DISINFECTION	CHEMICAL	BACTERIAL	PHYSICAL	
0 1	R A																							
0 2	R A																							
0 3	R A																							
0 4	R A																							

REMARKS (Up to 35 characters) [illegible]

EPA Form 7500-11 (9-74)

REPLACES EPA-10 (CHI) WHICH IS OBSOLETE.

PWSI090 PWSI.105

MODEL STATE INFORMATION SYSTEM

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PROCESSING OPTIONS FOR JOB ______________

CARD ID	DATE M D Y	DATE M D Y	
P R O C	☐☐☐☐☐☐	☐☐☐☐☐☐	DATE USED TO DETERMINE WHICH RECORDS ARE TO BE PURGED
1-4	5-10	14-19	

PUBLIC HISTORY REPORT OPTION. ☐ 20

SELECT THE CODE FOR THE TYPE OF HISTORY REPORT TO BE PRINTED:
Y = PRODUCE PUBLIC HISTORY FILE PURGE REPORT
N = DO NOT PRODUCE THE PUBLIC HISTORY FILE PURGE REPORT

PREPARED BY ______________________________ DATE ___/___/___
APPROVED BY ______________________________ DATE ___/___/___

EXHIBIT NO. PWSI.104

has been intentionally left out.

PWSI060

MODEL STATE INFORMATION SYSTEM

PWSI.105

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

RESTART FORM FOR JOB ____________

CARD ID	RESTART NUMBER
R E S T A R T	☐☐☐☐☐☐☐
1 - 7	8 - 14

PREPARED BY ______________________________ DATE ___/___/___

APPROVED BY ______________________________ DATE ___/___/___

PWSI070

MODEL STATE INFORMATION SYSTEM

PWSI.106

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PROCESSING OPTIONS FOR JOB ______________

CARD ID
P R O C
1-4

DATE
M D Y
☐☐☐☐☐☐
5-10

STANDARD ERROR PROCESSING OPTIONS:

☐ 11 Y = YES CREATE A SPECIAL OUTPUT FILE OF ERROR RECORDS
N = NO

☐ 12 Y = YES PRINT ONLY THE DATA ELEMENT FIELDS WHICH WERE IN ERROR - NOT THE ENTIRE RECORD
N = NO

PUBLIC HISTORY REPORT OPTION:

☐ 13 SELECT THE CODE FOR THE TYPE OF HISTORY REPORT TO BE PRINTED
1 = ONLY NEW PUBLIC HISTORY FILE RECORDS
2 = ALL THE PUBLIC HISTORY FILE RECORDS WHICH WERE EVER CREATED FROM THIS SUBSYSTEM
3 = DO NOT PRINT A REPORT

PREPARED BY ______________________________ DATE ___/___/___

APPROVED BY ______________________________ DATE ___/___/___

Binder 24
4/26/79

PWS1020,080,150 PWS1.107

MODEL STATE INFORMATION SYSTEM

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

SELECTION FORM - DEFINITION OF DATA ELEMENTS

CARD ID	DATA ELEMENT MNEMONIC NAME	DATA ELEMENT COMPARATIVE VALUE	DATA ELEMENT LOGIC ID NO.
SEL1 1-4	☐☐☐☐☐☐☐☐☐☐ 5-14	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐ 15-29	☐☐ 30-31
DUP 1 - 4	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐

PREPARED BY ______________________ DATE __/__/__

APPROVED BY ______________________ DATE __/__/__

PWS1020,080,150 PWS1.100

MODEL STATE INFORMATION SYSTEM

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

SELECTION FORM - DEFINITION OF LOGIC FOR SELECTION

RELATION SYMBOLS:
LT = LESS THAN
EQ = EQUAL
GT = GREATER THAN
NL = NOT LESS THAN
NG = NOT GREATER THAN
NX = NOT EXISTS (EMPTY)

CARD ID	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL
S E L 2 1-4	01	☐☐ 5-6	02	☐☐ 7-8	03	☐☐ 9-10	04	☐☐ 11-12
	05	☐☐ 13-14	06	☐☐ 15-16	07	☐☐ 17-18	08	☐☐ 19-20
	09	☐☐ 21-22	10	☐☐ 23-24	11	☐☐ 25-26	12	☐☐ 27-26
	13	☐☐ 29-30	14	☐☐ 31-32	15	☐☐ 33-34	16	☐☐ 35-36
	17	☐☐ 37-38	18	☐☐ 39-40	19	☐☐ 41-42	20	☐☐ 43-44
	21	☐☐ 45-46	22	☐☐ 47-48	23	☐☐ 49-50	24	☐☐ 51-52
	25	☐☐ 53-54	26	☐☐ 55-56	27	☐☐ 57-58	28	☐☐ 59-60
	29	☐☐ 61-62	30	☐☐ 63-64	31	☐☐ 65-68	32	☐☐ 67-68
	33	☐☐ 69-70	34	☐☐ 71-72	35	☐☐ 73-74		

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EXHIBIT NO.'s PWSI.109 and 110

have been intentionally left out.

PWSI010 PWSI.111

MODEL STATE INFORMATION SYSTEM

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PROCESSING OPTIONS FOR JOB ________________

CARD ID
P R O C
1-4

DATE
M D Y
☐☐☐☐☐☐
5-10

STANDARD ERROR PROCESSING OPTIONS:

☐ 11 Y = YES N = NO CREATE A SPECIAL FILE OF ERROR RECORDS

☐ 12 Y = YES N = NO PRINT ONLY THE DATA ELEMENTS FIELDS WHICH WERE IN ERROR - NOT THE ENTIRE RECORD

REPORT OPTIONS:

☐ 14 NEW PWS RECORDS (ALL OPTIONS ALLOWED)

☐ 15 INCOMPLETE PWS RECORDS (OPTIONS 2 OR 3 ONLY)

☐ 16 PWS STATUS REQUESTS (OPTIONS 2 OR 3 ONLY)

☐ 17 UNSUCCESSFUL UPDATE RECORDS (ALL OPTIONS ALLOWED)

OPTIONS FOR COLUMNS 14 - 17:
1 = DO NOT PRODUCE A REPORT
2 = PRODUCE REPORT ON PRE-PRINTED STATUS AND ENTRY FORM (TURNAROUND DOCUMENT)
3 = PRODUCE COMPREHENSIVE REPORT

PREPARED BY ______________________________ DATE ___/___/___

APPROVED BY ______________________________ DATE ___/___/___

PWSI120 PWSI.112

MODEL STATE INFORMATION SYSTEM

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PROCESSING OPTIONS FOR JOB ___________

CARD ID	DATE M D Y	POSTAL STATE CODE
P R O C	__/__/__	__ __
1-4	5-10	11-12

PREPARED BY _______________ DATE __/__/__

APPROVED BY _______________ DATE __/__/__

PWSI020 PWSI.113

MODEL STATE INFORMATION SYSTEM

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PROCESSING OPTIONS FOR JOB ________________

CARD ID
P R O C
1-4

DATE
M D Y
☐☐▲☐☐▲☐☐
5-10

SELECT THE CODE FOR THE TYPE OF REPORTS TO BE PRINTED:

PWSI030: ☐ 14
Y = YES, PRODUCE CONDENSED REPORT
N = NO REPORT IS PRODUCED

PWSI040: ☐ 15
Y = YES, PRODUCE PRODUCTION AND CAPACITY DATA REPORT
N = NO REPORT IS PRODUCED

PWSI050: ☐ 16
Y = YES, PRODUCE STATE DISCRETIONARY DATA REPORT
N = NO REPORT IS PRODUCED

PWSI060: ☐ 17
1 = NO REPORT IS PRODUCED
2 = YES, PRODUCE THE STATUS AND ENTRY FORM (TURNAROUND DOCUMENT)
3 = YES, PRODUCE COMPREHENSIVE REPORT

PREPARED BY ______________________________ DATE ___/___/___

APPROVED BY ______________________________ DATE ___/___/___

PWSI010 PWSI.114

MODEL STATE INFORMATION SYSTEM

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

RECORD STATUS AND DELETION FORM

PWS-ID	CARD CODE	CARD CODES:	
☐☐☐☐☐☐☐	☐☐	98 = PRODUCE STATUS RECORD 99 = DELETE PWF RECORD	Y
1-7	8-9		10
☐☐☐☐☐☐☐	☐☐	98 = PRODUCE STATUS RECORD 99 = DELETE PWF RECORD	Y
☐☐☐☐☐☐☐	☐☐	98 = PRODUCE STATUS RECORD 99 = DELETE PWF RECORD	Y
☐☐☐☐☐☐☐	☐☐	98 = PRODUCE STATUS RECORD 99 = DELETE PWF RECORD	Y
☐☐☐☐☐☐☐	☐☐	98 = PRODUCE STATUS RECORD 99 = DELETE PWF RECORD	Y
☐☐☐☐☐☐☐	☐☐	98 = PRODUCE STATUS RECORD 99 = DELETE PWF RECORD	Y
☐☐☐☐☐☐☐	☐☐	98 = PRODUCE STATUS RECORD 99 = DELETE PWF RECORD	Y
☐☐☐☐☐☐☐	☐☐	98 = PRODUCE STATUS RECORD 99 = DELETE PWF RECORD	Y

PREPARED BY ______________________________ DATE ___/___/___

APPROVED BY ______________________________ DATE ___/___/___

MODEL STATE INFORMATION SYSTEM
PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PWS IC CONVERSION TRANSACTION FILE

NEW PWS ID	OLD PWS ID	NATIONAL INVENTORY FILE KEY
☐☐☐☐☐☐☐	☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐
1 - 7	8 - 14	15 - 28
☐☐☐☐☐☐☐	☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐	☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐	☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐	☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐	☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐	☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐	☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐	☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐	☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐	☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐	☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐	☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐

PREPARED BY ____________________ DATE ___/___/___

APPROVED BY ____________________ DATE ___/___/___

Binder 24
4/10/78

Binder 24
4/10/78

PWSI125

MODEL STATE INFORMATION SYSTEM

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PWSI.116

PROCESSING OPTIONS FOR JOB ______________

CARD ID	DATE M D Y	KEY OPTION	
P R O C	☐☐☐☐☐☐	☐	1 = MATCH ON PWS ID
1-4	5-10	14	2 = MATCH ON NATIONAL INVENTORY FILE KEY

48.2

PREPARED BY __________________ DATE ___/___/___

APPROVED BY __________________ DATE ___/___/___

PWSI150 PWSI.117

MODEL STATE INFORMATION SYSTEM

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

PROCESSING OPTIONS FOR JOB ____________

CARD ID	DATE M D Y	NUMBER OF LABELS
P R O C	☐☐☐☐☐☐	☐
1-4	5-10	14

PREPARED BY ________________ DATE ___/___/___

PREPARED BY ________________ DATE ___/___/___

Binder 24
10/15/78

Binder 24
9/30/79

PWS1010 PWS1.118

MODEL STATE INFORMATION SYSTEM

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

ENTRY POINT CREATION AND MAINTENANCE FORM

PWS ID	CARD CODE	OCCURRENCE	ENTRY POINT NAME	ENTRY POINT CODE	ENTRY POINT ID
☐☐☐☐☐☐☐	1 6	☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐	☐
1 - 7	8-9	10-11	12 - 26	27	28

TURBIDITY FLAG	TURBIDITY UNITS	MONTHLY AVERAGE MCL	LATITUDE DEG.	LATITUDE MIN.	LATITUDE SEC.	LONGITUDE DEG.	LONGITUDE MIN.	LONGITUDE SEC.
☐	☐☐	☐☐☐	☐☐☐	☐☐	☐☐	☐☐☐	☐☐	☐☐
29	30-31	32-34	35-37	38-39	40-41	42-44	45-46	47-48

CONSECUTIVE DAILY AVERAGE MCL	ALTERNATE MONITORING FREQUENCY
☐☐☐	☐☐☐
49-51	52-54

PREPARED BY ______________________ DATE __/__/__

APPROVED BY ______________________ DATE __/__/__

PWSI010

PWSI.119

MODEL STATE INFORMATION SYSTEM

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

TRIHALOMETHANE DATA ENTRY AND MAINTENANCE FORM

PWSI ID	CARD CODE	OCCURRENCE	NUMBER OF TRIHALOMETHANE SAMPLES	NUMBER OF PLANTS	SAMPLING FREQUENCY
☐☐☐☐☐☐☐	1 0	☐	☐☐☐☐	☐☐☐	☐
1 - 7	8 - 9	10	11 - 14	15 - 17	18

PREPARED BY .... DATE .../.../...

APPROVED BY .... DATE .../.../...

PWS1010

MODEL STATE INFORMATION SYSTEM

PWSI.131

PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

NON-COMMUNITY STRATEGY DATA INPUT FORM

PWS ID	CARD CODE	CONTAMINANT ID	DATE OF PLAN	SAMPLING FREQUENCY	NUMBER OF SAMPLES	START DATE	END DATE
☐☐☐☐☐☐☐ 1-7	12 8-9	0100 10-13	☐☐☐☐ 14-17	☐☐☐ 18-20	☐☐☐ 21-23	☐☐☐☐ 24-27	☐☐☐☐ 28-31
DUP 1 - 9		1040 10-13	☐☐☐☐ 14-17	☐☐☐ 18-20	☐☐☐ 21-23	☐☐☐☐ 24-27	☐☐☐☐ 28-31
DUP 1 - 9		3000 10-13	☐☐☐☐ 14-17	☐☐☐ 18-20	☐☐☐ 21-23	☐☐☐☐ 24-27	☐☐☐☐ 28-31
DUP 1 - 9		4264 10-13		☐☐☐ 18-20			

PREPARED BY -------------------- DATE ---/---/---

APPROVED BY -------------------- DATE ---/---/---

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
Federal Reporting

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory
Water Quality Compliance
Federal Reporting
Sanitary Survey

DATE: 11-18-76

EXHIBIT: PWSI.200

RECORD TYPE: Variable

RECORD SIZE: 706 to 1606

PAGE: 1 OF 12

RECORD ACCESS KEY: PWF-ID

FILE NAME: Public Water File

FILE ID: PWF

RECORD NAME: PWF-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 2 OF 12

FIELD DESCRIPTION									
DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWF-RECORD	GRP					1	1606
03		PWF-KEY	GRP					1	7
05	PW-ID	PWF-ID	145	A/N	X(7)			1	7
03	PW-OWNA	PWF-PLANT-OWNER-NAME	146	A/N	X(30)			8	37
03		PWF-PLANT-ADDRESS	GRP					38	104
05	PW-PL-STRT	PWF-PLANT-STREET	147	A/N	X(30)			38	67
05	PW-PL-CITY	PWF-PLANT-CITY	148	A/N	X(30)			68	97
05	PW-PL-STAT	PWF-PLANT-STATE	149	A/N	X(2)			98	99
05	PW-PL-ZIP	PWF-PLANT-ZIP-CODE	150	A/N	X(5)			100	104
03		PWF-MAILING-ADDRESS	GRP					105	201
05	PW-MA-NAME	PWF-MAILING-NAME	151	A/N	X(30)			105	134
05	PW-MA-STRT	PWF-MAILING-STREET	152	A/N	X(30)			135	164
05	PW-MA-CITY	PWF-MAILING-CITY	153	A/N	X(30)			165	194
05	PW-MA-STAT	PWF-MAILING-STATE	154*	A/N	X(2)			195	196

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 3 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	PW-MA-ZIP	PWF-MAILING-ZIP-CODE	155	A/N	X(5)			197	201
03		PWF-TELEPHONE-INFO	GRP					202	211
05	PW-MA-ARCO	PWF-MAILING-AREA-CODE	156	A/N	X(3)			202	204
05	PW-MA-PNUM	PWF-MAILING-PHONE-NUMBER	157	A/N	X(7)			205	211
03		PWF-PLANT-AREA	GRP					212	229
05	PW-PL-ACTY	PWF-PLANT-AREA-CITY-NAME	158	A/N	X(15)			212	226
05	PW-PL-ACNT	PWF-PLANT-AREA-COUNTY-CODE	159	A/N	X(3)			227	229
03	PW-PL-RESR	PWF-PLANT-INDIAN-RESERVATION	160	A/N	X(3)			230	232
03		PWF-PLANT-SERVICE-AREA	GRP					233	251
05	PW-PL-RESI	PWF-PLANT- RESIDENTIAL	161	A/N	X(1)			233	233
05	PW-PL-COMP	PWF-PLANT-COMPANY-TOWN	162	A/N	X(1)			234	234
05	PW-PL-RECR	PWF-PLANT-RECREATION	163	A/N	X(1)			235	235
05	PW-PL-MOHO	PWF-PLANT-MOBILE-HOMES	164	A/N	X(1)			236	236
05	PW-PL-INST	PWF-PLANT-INSTITUTION	165	A/N	X(1)			237	237

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 4 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	PW-PL-SCHL	PWF-PLANT-SCHOOL	166	A/N	X(1)			238	238
05	PW-PL-MOTL	PWF-PLANT-MOTEL	167	A/N	X(1)			239	239
05	PW-PL-REST	PWF-PLANT-RESTAURANT	168	A/N	X(1)			240	240
05	PW-PL-SSTA	PWF-PLANT-SERVICE-STATION	169	A/N	X(1)			241	241
05	PW-PL-CAMP	PWF-PLANT-CAMPGROUND	170	A/N	X(1)			242	242
05	PW-PL-PIC	PWF-PLANT-PICNIC-AREA	171	A/N	X(1)			243	243
05	PW-PL-LODG	PWF-PLANT-LODGE	172	A/N	X(1)			244	244
05	PW-PL-MARI	PWF-PLANT-MARINA	173	A/N	X(1)			245	245
05	PW-PL-SKI	PWF-PLANT-SKI-RESORT	174	A/N	X(1)			246	246
05	PW-PL-BATH	PWF-PLANT-BATHING	175	A/N	X(1)			247	247
05	PW-PL-VCTR	PWF-PLANT-VISITOR-CENTER	176	A/N	X(1)			248	248
05	PW-PL-HWY	PWF-PLANT-HWY-REST-AREA	177	A/N	X(1)			249	249
05	PW-PL-AIR	PWF-PLANT-AIRPORT	178	A/N	X(1)			250	250
05	PW-PL-OTHR	PWF-PLANT-OTHER-AREA	179	A/N	X(1)			251	251

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 5 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	PW-PL-CNUM	PWF-PLANT-CONSECUTIVE-NUM-PWS	180	A/N	X(7)			252	258
03	PW-PL-CARR	PWF-PLANT-INTERSTATE-CARRIER	181	A/N	X(1)			259	259
03	PW-PL-TYPE	PWF-PLANT-TYPE	182	A/N	X(1)			260	260
03	PW-PL-POPL	PWF-PLANT-POPULATION-SERVED	183	A/N	X(9)			261	269
03	PW-PL-SNUM	PWF-PLANT-SERVICES-NUMBER	184	A/N	X(7)			270	276
03	PW-PL-MNUM	PWF-PLANT-METERS-NUMBER	185	A/N	X(7)			277	283
03	PW-PL-AVPR	PWF-PLANT-AVERAGE-PRODUCTION	186	A/N	X(10)			284	293
03	PW-PL-DECA	PWF-PLANT-DESIGN-CAPACITY	187	A/N	X(10)			294	303
03	PW-PL-EMER	PWF-PLANT-EMERGENCY-POWER	188	A/N	X(10)			304	313
03	PW-PL-STCA	PWF-PLANT-STORAGE-CAPACITY	189	A/N	X(10)			314	323
03	PW-PL-MAXP	PWF-PLANT-MAX-PRODUCTION	190	A/N	X(10)			324	333
03	PW-PL-BEGN	PWF-PLANT-BEGIN-DATE	191	N	9(4)			334	337
03	PW-PL-SURV	PWF-PLANT-LAST-SURVEY-DATE	192	N	9(5)			338	342
03	PW-PL-CYCL	PWF-PLANT-COMPLIANCE-CYCLE	193	A/N	X(2)			343	344

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 6 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	PW-PL-ACTV	PWF-PLANT-ACTIVITY	194	A/N	X(1)			345	345
03	PW-PL-DDAT	PWF-PLANT-DEACTIVATION-DATE	195	N	9(5)			346	350
03	PW-PL-DREA	PWF-PLANT-DEACTIVATION-REASON	196	A/N	X(1)			351	351
03	PW-PL-MANU	PWF-PLANT-MANUAL-FILE	197	A/N	X(12)			352	363
03	PW-S-CODE	PWF-STATE-POSTAL-CODE	198*	A/N	X(2)			364	365
03	PW-S-REGE	PWF-STATE-REGULATE-BY	199	A/N	X(1)			366	366
03	PW-S-REGN	PWF-STATE-REGION	200	A/N	X(2)			367	368
03	PW-S-DIST	PWF-STATE-DISTRICT	201	A/N	X(2)			369	370
03		PWF-STATE-DISCRETION	GRP					371	509
05		PWF-STATE-BACTERIOLOGICAL	GRP					371	390
07	PW-S-BFLG	PWF-STATE-BACTERIOLOGICAL-FLG	202	A/N	X(1)			371	371
07	PW-S-MONT	PWF-STATE-MONTHLY-MONITORING	203	A/N	X(1)			372	372
07	PW-S-NSAM	PWF-STATE-NO-OF-SAMPLES	204	N	9(3)			373	375
07	PW-S-SBGN	PWF-STATE-SEASON-BEGIN	205	N	9(4)			376	379

*See Data Element Dictionary: Appendix A

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	**FILE ID:** PWF	**RECORD NAME:** PWF-RECORD	**PAGE:** 7 **OF** 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
07	PW-S-SEND	PWF-STATE-SEASON-END	206	N	9(4)			380	383
07	PW-S-MDCK	PWF-STATE-MIN-NO-DAILY-CHECKS	207	A/N	X(1)			384	384
07	PW-S-NSPFQ	PWF-STATE-NCOM-SAMPLE-FREQ	208	N	9(3)			385	387
07	PW-S-HCKS	PWF-STATE-MCL-HALT-CHECK-SAMP	209	N	9(1)			388	388
07	PW-S-CLOR	PWF-STATE-CHLORINE	210	N	9(2)			389	390
05		PWF-STATE-TURBIDITY	GRP					391	393
07	PW-S-TFLG	PWF-STATE-TURBIDITY-FLAG	211	A/N	X(1)			391	391
07	PW-S-TBUN	PWF-STATE-TURBIDITY-UNITS	212	N	9(1)V9(1)			392	393
05		PWF-STATE-ALL-CHEMICALS	GRP					394	436
07		PWF-STATE-TTHM-SAMPLING	GRP					394	401
09	PW-S-TTHMS	PWF-STATE-TOTAL-TTHM-SAMPLES	738	N	9(4)			394	397
09	PW-S-NPLNT	PWF-STATE-NUMBER-OF-PLANTS	739	N	9(3)			398	400
09	PW-S-TTHMF	PWF-STATE-TTHM-FREQ	740	A/N	X(1)			401	401
09		FILLER		A/N	X(20)			402	421

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 8 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
07		PWF-STATE-ORGANIC	GRP					422	429
09	PW-S-ORBGN	PWF-STATE-ORGANIC-BEGIN-PERIOD	215	9(4)				422	425
09	PW-S-OREND	PWF-STATE-ORGANIC-END-PERIOD	216	N	9(4)			426	429
07		PWF-STATE-INORGANIC	GRP					430	436
09	PW-S-ATEM	PWF-STATE-AIR-TEMPERATURE	217	N	9(2)V9(1)			430	432
09	PW-S-NITR	PWF-STATE-NITRATE-FREQUENCY	218	N	9(4)			433	436
05		PWF-STATE-BETA	GRP					437	443
07	PW-S-RFLG	PWF-STATE-RADIOACTIVE-FLAG	219	A/N	X(1)			437	437
07	PW-S-RMON	PWF-STATE-RADIOACTIVE-MONITOR	220	A/N	X(1)			438	438
07	PW-S-BETA	PWF-STATE-BETA-FREQ-MONTHS	221	N	9(2)			439	440
07	PW-S-NUCL	PWF-STATE-NUCLEAR-FACILITY	222	A/N	X(1)			441	441
07	PW-S-FATY1	PWF-STATE-NUCLEAR-FAC-TYPE1	223*	A/N	X(1)			442	442
07	PW-S-FATY2	PWF-STATE-NUCLEAR-FAC-TYPE2	702*	A/N	X(1)			443	443
05		PWS-STATE-CONTAMINANT-INFO	GRP			3		444	497

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 9 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
07	PW-S-PLAN	PWF-STATE-DATE-OF-PLAN	566	A/N	X(4)				
07	PW-S-CFREQ	PWF-STATE-CONTAMINANT-FREQ	567	A/N	X(3)				
07	PW-S-CSPLS	PWF-STATE-CONTAMINANT-SAMPLES	568	A/N	X(3)				
07	PW-S-CSTRT	PWF-STATE-CONTAMINANT-START	569	A/N	X(4)				
07	PW-S-CEND	PWF-STATE-CONTAMINANT-END	570	A/N	X(4)				
05	PW-S-IFREQ	PWF-STATE-I131-FREQ	572	A/N	X(3)			498	500
05	PW-S-FLAG	PWF-STATE-STRAT-FLAG	590	A/N	X(3)			501	503
05		PWF-STATE-ALPHA	GRP						
07	PW-S-GALP	PWF-STATE-MONITOR-GROSS-ALPHA	226	N	9(2)			504	505
07	PW-S-RADM	PWF-STATE-MONITOR-RADIUM-MTHS	227	N	9(2)			506	507
07	PW-S-NUMSP	PWF-STATE-NUM-SAMPLES-PER-YR	228	N	9(1)			508	508
05	PW-S-GWATR	PWF-STATE-GROUND-WATER-MONITOR	229	A/N	X(1)			509	509
03		PWF-STATE-OPERATING-REPORT	GRP					510	514

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 10 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	PW-S-RREQ	PWF-STATE-REPORT-REQUIRED	230	A/N	X(1)			510	510
05	PW-S-LAST	PWF-STATE-LAST-REPORT-DATE	231	N	9(4)			511	514
03	PW-S-ENGM	PWF-STATE-ENGLISH-METRIC-	232	A/N	X(1)			515	515
		SYSTM							
03	PW-S-RESV	PWF-STATE-RESERVE-FOR-STATE	233	A/N	X(100)			516	615
03	PW-LST-UP	PWF-LAST-UPDATE-DATE	234	N	9(5)			616	620
03		PWF-LAB-DATA	GRP			5		621	650
05	PW-LA-ID	PWF-LAB-ID	235	A/N	X(5)				
05	PW-LA-CFLG	PWF-LAB-CAPTIVE-FLAG	236	A/N	X(1)				
03	PW-OW-TYPE	PWF-OWNER-TYPE	237	A/N	X(1)			651	651
03		PWF-VAEX-MCL-VARI-EXEMPT	GRP			4		652	703
05	PW-VE-CTAM	PWF-VAEX-CONTAMINANT-ID	238*	A/N	X(4)				
05	PW-VE-MCL	PWF-VAEX-MODIFIED-MCL	239	A/N	X(5)				
05	PW-VE-DEC	PWF-VAEX-MODIFIED-MCL-DEC	240	A/N	X(1)				

* See Data Element Dictionary: Appendix A

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD	PAGE: 11 OF 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	PW-VE-AMF	PWF-VAEX-ALT-MONITOR-FREQ	241	A/N	X(3)				
03	PW-PL-COIN	PWF-PLANT-CONSEC-INDICATOR	701	A/N	X(1)			704	704
03	PW-PL-SONM	PWF-PLANT-SOURCES-NUMBER	242	N	9(2)			705	706
03		PWF-PLANT-SOURCE-INFORMATION	GRP			15	X	707	1606
05	PW-PL-SONA	PWF-PLANT-SOURCE-NAME	243	A/N	X(15)				
05	PW-PL-SOCO	PWF-PLANT-SOURCE-CODE	244	A/N	X(1)				
05	PW-PL-WELL	PWF-PLANT-NUM-OF-WELLS	245	A/N	X(2)				
05	PW-PL-AVAL	PWF-PLANT-AVAILABILITY	246	A/N	X(1)				
05	PW-PL-BASN	PWF-PLANT-BASIN-NUMBER	247	A/N	X(4)				
05	PW-PL-LATI	PWF-PLANT-LATITUDE	248	A/N	X(7)				
05	PW-PL-LONG	PWF-PLANT-LONGITUDE	249	A/N	X(7)				
05	PW-PL-SLID	PWF-PLANT-SELLER-ID	250	A/N	X(7)				
05		PWF-PLANT-TREATMENTS	GRP						
07	PW-PL-AREA	PWF-PLANT-AERATION	251	A/N	X(1)				

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MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: Public Water File	**FILE ID:** PWF	**RECORD NAME:** PWF-RECORD	**PAGE:** 12 **OF** 12

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
07	PW-PL-PREC	PWF-PLANT-PRECHLORINATION	252	A/N	X(1)				
07	PW-PL-COAG	PWF-PLANT-COAGULATION	253	A/N	X(1)				
07	PW-PL-SEDI	PWF-PLANT-SEDIMENTATION	254	A/N	X(1)				
07	PW-PL-FILT	PWF-PLANT-FILTRATION	255	A/N	X(1)				
07	PW-PL-CORR	PWF-PLANT-CORROSION-CNTRL	256	A/N	X(1)				
07	PW-PL-SOFT	PWF-PLANT-SOFTENING	257	A/N	X(1)				
07	PW-PL-TAST	PWF-PLANT-TASTE-ODER	258	A/N	X(1)				
07	PW-PL-IRON	PWF-PLANT-IRON-REMOVAL	259	A/N	X(1)				
07	PW-PL-AMMO	PWF-PLANT-AMMONIATION	260	A/N	X(1)				
07	PW-PL-FLOR	PWF-PLANT-FLUORIDE-ADJUSTMENT	261	A/N	X(1)				
07	PW-PL-DISI	PWF-PLANT-DISINFECTION	262	A/N	X(1)				
07	PW-PL-OTHE	PWF-PLANT-OTHER-TREATMENT	263	A/N	X(1)				
05	PW-PL-RESE	PWF-PLANT-RESERVE	264	A/N	X(3)				

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory
Water Quality Compliance
Enforcement Actions
Variances and Exemptions
Operator and Mailing

DATE: 12-1-78

EXHIBIT: PWSI.201

RECORD TYPE: Fixed

RECORD SIZE: 136

PAGE: 1 OF 3

RECORD ACCESS KEY:

PWT-ID

FILE NAME: Public Water Table

FILE ID: PWT

RECORD NAME: PWT-MASTER-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water Table	FILE ID: PWT	RECORD NAME: PWT-MASTER-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWT-MASTER-RECORD	GRP					1	136
03		PWT-RELATIVE-REC-NUMBER	265	N	9(5)			1	5
03		PWT-KEY	GRP					6	12
05		PWT-ID	266	A/N	X(7)			6	12
03		PWT-MAILING-ADDRESS	GRP					13	109
05		PWT-MAILING-NAME	267	A/N	X(30)			13	42
05		PWT-MAILING-STREET	268	A/N	X(30)			43	72
05		PWT-MAILING-CITY	269	A/N	X(30)			73	102
05		PWT-MAILING-STATE	270	A/N	X(2)			103	104
05		PWT-MAILING-ZIP-CODE	271	A/N	X(5)			105	109
03		PWT-TELEPHONE-INFO	GRP					110	119
05		PWT-MAILING-AREA-CODE	272	A/N	X(3)			110	112
05		PWT-MAILING-PHONE-NUMBER	273	A/N	X(7)			113	119
03		PWT-STATE-REGION	274	A/N	X(2)			120	121

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MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: Public Water Table	FILE ID: PWT	RECORD NAME: PWT-MASTER-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	/ PROGRAM NAME	CAT. NO.					FROM	TO
03		PWT-STATE-DISTRICT	275	A/N	X(2)			122	123
03		PWT-PLANT-TYPE	276	A/N	X(1)			124	124
03		PWT-PLANT-POPULATION-SERVED	277	A/N	X(9)			125	133
03		PWT-PLANT-COMPLIANCE-CYCLE	278	A/N	X(2)			134	135
03		PWT-PLANT-SOURCE-CODE	703	A/N	X(1)			136	136

Binder 24
1/31/79

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Public Water System Inventory

INPUT TO SUBSYSTEM (S) : Public Water System Inventory

DATE: 1-12-77

EXHIBIT: PWSI.202

RECORD TYPE: Fixed

RECORD SIZE: 114

PAGE: 1 OF 2

RECORD ACCESS KEY:

PH-PWS-ID
PH-DE-CODE
PH-CUR-UP

FILE NAME: Public History File

FILE ID: PHF

RECORD NAME: PHF-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public History File	FILE ID: PHF	RECORD NAME: PHF-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PHF-RECORD	GRP					1	114
03		PHF-KEY	GRP					1	15
05	PH-PWS-ID	PHF-PWS-ID	310	A/N	X(7)			1	7
05	PH-CAT-NO	PHF-CATALOGUE-NO	311	A/N	X(3)			8	10
05	PH-CUR-UP	PHF-CUR-UPDATE-DATE	312	N	9(5)			11	15
03	PH-PW-NAME	PHF-PLANT-OWNER-NAME	313	A/N	X(30)			16	45
03	PH-S-REGN	PHF-STATE-REGION	314	A/N	X(2)			46	47
03	PH-S-DIST	PHF-STATE-DISTRICT	315	A/N	X(2)			48	49
03	PH-LST-UP	PHF-LAST-UPDATE-DATE	316	N	9(5)			50	54
03	PH-OLD-VAL	PHF-OLD-VALUE	317	A/N	X(30)			56	84
03	PH-NEW-VAL	PHF-NEW-VALUE	318	A/N	X(30)			86	114

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11-16-76

EXHIBIT: PWSI.203

RECORD TYPE: Fixed

RECORD SIZE: 900

PAGE: 1 OF 7

RECORD ACCESS KEY:

FILE NAME: National Public Water System Inventory

FILE ID: PWS

RECORD NAME: PWS-CONVERSION-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: National Public Water System Inventory	FILE ID: PWS	RECORD NAME: PWS-CONVERSION-RECORD	PAGE: 2 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWS-CONVERSION-RECORD	GRP					1	900
03		PWS-KEY		A/N	X(14)			1	14
03		PWS-NOWU		A/N	X(32)			15	46
03		PWS-ADDR	GRP					47	133
05		PWS-STREET		A/N	X(30)			47	76
05		PWS-CITY		A/N	X(25)			77	101
05		PWS-CNTY		A/N	X(25)			102	126
05		PWS-STATE		A/N	X(2)			127	128
05		PWS-ZIP		A/N	X(5)			129	133
03		PWS-PHONE	GRP					134	143
05		PWS-ARCD		A/N	X(3)			134	136
05		PWS-TELN		A/N	X(7)			137	143
03		PWS-OWNER		A/N	X(1)			144	144
03		PWS-RPOP		A/N	X(9)			145	153

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWS-CONVERSION-FILE	FILE ID: PWS	RECORD NAME: PWS-CONVERSION-RECORD	PAGE: 3 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		PWS-NMSR		A/N	X(7)			154	160
03		PWS-NMMT		A/N	X(7)			161	167
03		PWS-NMWC		A/N	X(3)			168	170
03		PWS-SERVICE-AREA	GRP					171	188
05		PWS-COMM		A/N	X(1)			171	171
05		PWS-COMT		A/N	X(1)			172	172
05		PWS-RECA		A/N	X(1)			173	173
05		PWS-MOHP		A/N	X(1)			174	174
05		PWS-INST		A/N	X(1)			175	175
05		PWS-SCHC		A/N	X(1)			176	176
05		PWS-MOTEL		A/N	X(1)			177	177
05		PWS-REST		A/N	X(1)			178	178
05		PWS-SSTAT		A/N	X(1)			179	179
05		PWS-CAMP		A/N	X(1)			180	180

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWS-CONVERSION-FILE	FILE ID: PWS	RECORD NAME: PWS-CONVERSION-RECORD	PAGE: 4 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05		PWS-PICNIC		A/N	X(1)			181	181
05		PWS-LODGE		A/N	X(1)			182	182
05		PWS-MARINA		A/N	X(1)			183	183
05		PWS-SKI		A/N	X(1)			184	184
05		PWS-BATHING		A/N	X(1)			185	185
05		PWS-VCENT		A/N	X(1)			186	186
05		PWS-SAREA		A/N	X(1)			187	187
05		PWS-AIR		A/N	X(1)			188	188
05		PWS-OTHER		A/N	X(1)			189	189
03		PWS-PRON		A/N	X(10)			190	199
03		PWS-PROE		A/N	X(10)			200	209
03		PWS-DSTO		A/N	X(10)			210	219
03		PWS-PROA		A/N	X(10)			220	229
03		PWS-PROM		A/N	X(10)			230	239

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWS-CONVERSION-FILE	FILE ID: PWS	RECORD NAME: PWS-CONVERSION-RECORD	PAGE: 5 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		PWS-YRMO		A/N	X(4)			240	243
03		PWS-WATER-SOURCES-INFORMATION	Grp			12		244	807
05		FILLER		A/N	X(1)				
05		PWS-SOUN		A/N	X(15)				
05		PWS-SOURCE-NUMERIC	GRP						
07		PWS-LATI		A/N	X(6)				
07		PWS-LONG		A/N	X(7)				
07		PWS-SURF		A/N	X(1)				
07		PWS-GRND		A/N	X(1)				
07		PWS-PRCH		A/N	X(1)				
07		PWS-TREATMENTS	Grp						
09		PWS-AERN		A/N	X(1)				
09		PWS-PREC		A/N	X(1)				
09		PWS-COAG		A/N	X(1)				

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWS-CONVERSION-FILE	FILE ID: PWS	RECORD NAME: PWS-CONVERSION RECORD	PAGE: 6 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
09		PWS-SEDM		A/N	X(1)				
09		PWS-FILT		A/N	X(1)				
09		PWS-CORR		A/N	X(1)				
09		PWS-SOFT		A/N	X(1)				
09		PWS-TOC		A/N	X(1)				
09		PWS-IRNR		A/N	X(1)				
09		PWS-AMMO		A/N	X(1)				
09		PWS-FLUA		A/N	X(1)				
09		PWS-DISF		A/N	X(1)				
05		PWS-CHEM		A/N	X(1)				
05		PWS-BACT		A/N	X(1)				
05		PWS-PHYS		A/N	X(1)				
03		PWS-REMKS		A/N	X(50)	808		857	
03		PWS-FILL		A/N	X(35)	858		892	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWS-CONVERSION-FILE	FILE ID: PWS	RECORD NAME: PWS-CONVERSION-RECORD	PAGE: 7 OF 7

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		PWS-SURVEY-YR		A/N	X(2)	893		894	
03		PWS-DATE-LASTUPDATE		A/N	X(6)			895	900

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION									
DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

RELATES TO
203

Conversion Process

ITEM	NAT'L NAME	POS.	PIC	PWSIF-NAME	PIC
1	KEY	1-14	X(14)	PWF-STATE-RESERVE-FOR-STATE	X(100)
2	NOWU	15-46	X(32)	PWF-MAILING-NAME	X(30)
3	ADDR	47-76	X(30)	PWF-MAILING-STREET	X(30)
4	CITY	77-101	X(25)	PWF-MAILING-CITY	X(30)
5*	CNTY	102-126	X(25)	PWF-PLANT-COUNTY-CODE	X(3)
6	STATE	127-128	X(2)	PWF-MAILING-STATE	X(2)
7	ZIP	129-133	9(5)	PWF-MAILING-ZIP	X(5)
8	ARCD	134-136	9(3)	PWF-TELEPHONE-AREA-CODE	X(3)
9	TELN	137-143	9(7)	PWF-TELEPHONE-PHONE-NUMBER	X(7)
10**	OWNER	144-144	X(1)	PWF-OWNER-TYPE	X(1)
11	RPOP	145-153	9(9)	PWF-PLANT-POPULATION-SERVED	X(9)
12	NMSR	154-160	9(7)	PWF-PLANT-SERVICES-NUMBER	X(7)
13	NMMT	161-167	9(7)	PWF-PLANT-METERS-NUMBER	X(7)
15	COMM	171	X(1)	PWF-PLANT-COMMUNITY	X(1)
16	COMT	172	X(1)	PWF-PLANT-COMPANY-TOWN	X(1)
17	RECA	173	X(1)	PWF-PLANT-RECREATION	X(1)
18	MOHP	174	X(1)	PWF-PLANT-MOBILE-HOMES	X(1)
19	INST	175	X(1)	PWF-PLANT-INSTITUTION	X(1)
20	SCHC	176	X(1)	PWF-PLANT-SCHOOL	X(1)
21	MOTEL	177	X(1)	PWF-PLANT-MOTEL	X(1)
22	REST	178	X(1)	PWF-PLANT-RESTAURANT	X(1)
23	SSTAT	179	X(1)	PWF-PLANT-SERVICE-STATION	X(1)
24	CAMP	180	X(1)	PWF-PLANT-CAMPGROUND	X(1)
25	PICNIC	181	X(1)	PWF-PLANT-PICNIC	X(1)
26	LODGE	182	X(1)	PWF-PLANT-LODGE	X(1)
27	MARINA	183	X(1)	PWF-PLANT-MARINA	X(1)
28	SKI	184	X(1)	PWF-PLANT-SKI-RESORT	X(1)
29	BATHING	185	X(1)	PWF-PLANT-BATHING	X(1)
30	VCENT	186	X(1)	PWF-PLANT-VISITOR-CENTER	X(1)
31	SAREA	187	X(1)	PWF-PLANT-HWY-REST-AREA	X(1)
32A	AIRPORT	188	X(1)	PWF-PLANT-AIRPORT	X(1)
33	OTHER	189	X(1)	PWF-PLANT-OTHER	X(1)
34	PRON	190-199	9(10)	PWF-PLANT-DESIGN-CAPACITY	X(10)
35	PROE	200-209	9(10)	PWF-PLANT-EMERGENCY-POWER	X(10)
36	DSTO	210-219	9(10)	PWF-PLANT-STORAGE-CAPACITY	X(10)
37	PROA	220-229	9(10)	PWF-PLANT-AVERAGE-CAPACITY	X(10)

* this field must be converted using the state and county code table (will be in CVT)

** this field gets converted according to the acceptable values for owner type defined in the Data Elements Dictionary

ITEM	NAT'L NAME	POS.	PIC	PWSIF-NAME	PIC
38	PROM	230-239	9(10)	PWF-PLANT-MAX-PRODUCTION	X(10)
39	YRMO	240-243	9(4)	PWF-PLANT-BEGIN-DATE	9(4)
40	SOUN1		X(15)	PWF-PLANT-SOURCE-NAME(1)	X(15)
41	LATI1		9(6)	PWF-PLANT-LATITUDE(1)	X(7)
42	LONG1		9(7)	PWF-PLANT-LONGITUDE(1)	X(7)
43	SURF1		X(1)	If Value=1 move S,G, or P respectively	
44	GRND1		X(1)	to PWF-PLANT-SOURCE-CODE(1)	X(1)
				If S and another, defaults to S.	
45	PRCH1		X(1)	Blank if any other combination	
46	AERN1		X(1)	PWF-PLANT-AERATION(1)	X(1)
47	PREC1		X(1)	PWF-PLANT-PRECHLORINATION(1)	X(1)
48	COAG1		X(1)	PWF-PLANT-COAGULATION(1)	X(1)
49	SEDM1		X(1)	PWF-PLANT-SEDIMENTATION(1)	X(1)
50	FILT1		X(1)	PWF-PLANT-FILTRATION(1)	X(1)
51	SOFT1		X(1)	PWF-PLANT-SOFTENING(1)	X(1)
52	TOC1		X(1)	PWF-PLANT-TASTE-ODOR(1)	X(1)
53	IRNR1		X(1)	PWF-PLANT-IRON-REMOVAL(1)	X(1)
54	AMMO1		X(1)	PWF-PLANT-AMMONIATION(1)	X(1)
55	FLUA1		X(1)	PWF-PLANT-FLUORIDE-ADJUSTMENT(1)	X(1)
56	DISFI	284	X(1)	PWF-PLANT-DISINFECTION(1)	X(1)
59-75					
79-95					
99-115					
119-135		Each of these groups represents a similar format of items 40-56. The groups may be defined as occurring 12 times. The three fields (CHEM1, BACT1, PHYS1) are not used in the conversion but must be defined in the repeating groups.			
139-155					
159-175					
179-195					
199-215					
219-235					
239-255					
259-275					
282	DATE-LAST UPDATE	895-900	9(6)	PWF-LAST-UPDATE-DATE (converted Julian)	9(5)

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 1/6/77

EXHIBIT: PWSI.204

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

INPUT TO SUBSYSTEM (S) :

Public Water System
Inventory Subsystem

FILE NAME: Processing Option

FILE ID: PWFI

RECORD NAME: PWFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water System Processing FILE ID: PWFI RECORD NAME: PWFI-PROC-RECORD PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-PROC-RECORD	GRP					1	80
03		PWFI-PROC-ID		A/N	X(4)			1	4
03		PWFI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(3)			11	13
03		PWFI-NEW-RECORDS		A/N	X(1)			14	14
03		PWFI-INCOMPLETE-RECORDS		A/N	X(1)			15	15
03		PWFI-STATUS-REQUESTS		A/N	X(1)			16	16
03		PWFI-UNSUCCESS-UPDATE		A/N	X(1)			17	17
03		PWFI-SELECTION-EXTRACT		A/N	X(1)			18	18
03		PWFI-REPORT-OPTION		A/N	X(1)			19	19
03		FILLER		A/N	X(61)			20	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 1-8-77

EXHIBIT: PWSI.205

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

RECORD ACCESS KEY:

PWFI-RESTART-ID

FILE NAME: Restart Options

FILE ID: PWFI

RECORD NAME: PWFI-RESTART-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Restart Options	FILE ID: PWFI	RECORD NAME: PWFI-RESTART-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-RESTART-RECORD	GRP					1	80
03		PWFI-RESTART-ID		A/N	X(7)			1	7
03		PWFI-RESTART-NUMBER		A/N	X(7)			8	14
03		FILLER		A/N	X(66)			15	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

Processing Option

DATE: 11-18-76

EXHIBIT: PWSI.206

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

FILE NAME: Public Water File PROC
PROC Processing Options

FILE ID: PWFI

RECORD NAME: PWFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File PROC Processing Options	FILE ID: PWFI	RECORD NAME: PWFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION									
DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-PROC-RECORD	GRP					1	80
03		PWFI-PROC-ID		A/N	X(4)			1	4
03		PWFI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(3)			11	13
03		PWFI-NEW-RECORDS		A/N	X(1)			14	14
03		PWFI-INCOMPLETE-RECORDS		A/N	X(1)			15	15
03		PWFI-STATUS-REQUESTS		A/N	X(1)			16	16
03		PWFI-UNSUCCESS-UPDATE		A/N	X(1)			17	17
03		PWFI-SELECTION-EXTRACT		A/N	X(1)			18	18
03		FILLER		A/N	X(62)			19	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

Processing Option

DATE: 12-02-76

EXHIBIT: PWSI.207

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

FILE NAME: Public History File Select

FILE ID: PHFI

RECORD NAME: PHFI-SELECT-1-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public History File Select	FILE ID: PHFI	RECORD NAME: PHFI-SELECT-1-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PHFI-SELECT-1-RECORD	GRP					1	80
03		PHFI-SELECT-1-ID		A/N	X(4)			1	4
03		PHFI-SELECT-1-MNEMONIC		A/N	X(10)			5	14
03		PHFI-SELECT-1-DE-VALUE		A/N	X(15)			15	29
03		PHFI-SELECT-1-DE-NO		A/N	X(2)			30	31
03		FILLER		A/N	X(49)			32	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 1/12/77

EXHIBIT: PWSI.208

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PHFI-PROC-ID

FILE NAME: Processing Options

FILE ID: PHFI

RECORD NAME: PHFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: PHFI	RECORD NAME: PHFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PHFI-PROC-RECORD	GRP					1	80
03		PHFI-PROC-ID		A/N	X(4)			1	4
03		PHFI-PROC-DATE		A/N	X(6)			5	10
03		PHFI-PROC-SEF-OUTPUT		A/N	X(1)			11	11
03		PHFI-PROC-SEF-FIELD-SELECT		A/N	X(1)			12	12
03		PHFI-REPORT-OPTION		A/N	X(1)			13	13
03		FILLER		A/N	X(67)			14	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) : Public Water Subsystem

Processing Options

FILE NAME: Purge Public History File

FILE ID: PHFI

DATE: 10-12-76

EXHIBIT: PWSI.209

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY: PHFI-PROC-ID

RECORD NAME: PHFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Purge Public History File	FILE ID: PHFI	RECORD NAME: PHFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PHFI-PROC-RECORD	GRP					1	80
03		PHFI-PROC-ID		A/N	X(4)			1	4
03		PHFI-PROC-CURRENT-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(3)			11	13
03		PHFI-PROC-PURGE-DATE		A/N	X(6)			14	19
03		PHFI-PROC-REPORT-OPTION		A/N	X(1)			20	20
03		FILLER		A/N	X(60)			21	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) : Public Water System Inventory

Processing Option

FILE NAME: Public History File Select

FILE ID: PHFI

DATE: 12-02-76

EXHIBIT: PWSI. 210

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 **OF** 2

RECORD ACCESS KEY:

RECORD NAME: PHFI-SELECT-2-RECORD

MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: Public History File Select	**FILE ID:** PHFI	**RECORD NAME:** PHFI-SELECT-2-RECORD	**PAGE:** 2 **OF** 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PHFI-SELECT-2-RECORD	GRP					1	80
03		PHFI-SELECT-2-ID		A/N	X(4)			1	4
03		PHFI-SELECT-2-SYMBOL		A/N	X(2)	35		5	74
03		FILLER		A/N	X(6)			75	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11/30/76

EXHIBIT: PWSI.211

RECORD TYPE: FIXED

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-PROC-ID

FILE NAME: Processing Options

FILE ID: PWFI

RECORD NAME: PWFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PROCESSING OPTIONS	FILE ID: PWFI	RECORD NAME: PWFI-PROC-RECORD	PAGE: 1 OF 2

FIELD DESCRIPTION									
DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-PROC-RECORD	GRP					1	80
03		PWFI-PROC-ID		A/N	x(4)			1	4
03		PWFI-PROC-DATE		A/N	x(6)			5	10
03		PWFI-PROC-SEF-OUTPUT		A/N	x(1)			11	11
05		PWFI-PROC-SEF-FIELD-SELECT		A/N	x(1)			12	12
03		FILLER		A/N	x(1)			13	13
03		PWFI-REPORT-OPTIONS	GRP					14	17
05		PWFI-NEW-PWS		A/N	x(1)			14	14
05		PWFI-INCOMPLETE		A/N	x(1)			15	15
05		PWFI-STATUS		A/N	x(1)			16	16
05		PWFI-UNSUCCESSFUL		A/N	x(1)			17	17
03		FILLER		A/N	x(63)			18	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 11-16-76

EXHIBIT: PWSI.212

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: Public Water File
PROC Processing Options

FILE ID: PWFI

RECORD NAME: PWFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File PROC Processing Options	**FILE ID:** PWFI	**RECORD NAME:** PWFI-PROC-RECORD	**PAGE:** 2 **OF** 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-PROC-RECORD	GRP					1	80
03		PWFI-PROC-ID		A/N	X(4)			1	4
03		PWFI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(70)			11	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(PWSI120)
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.213

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

Input Transaction

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-0-98-99

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-0-98-99	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-0-98-99	GRP					1	80
03		PWFI-ID-0-98-99		A/N	X(7)			1	7
03		PWFI-TRAN-CODE0-98-99		A/N	X(2)			8	9
03		PWFI-TRAN-CHECK		A/N	X(1)			10	10
03		FILLER		A/N	X(70)			11	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11-30-76

EXHIBIT: PWSI.214

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID1
PWFI-TRAN-CODE1

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-1

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-1	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-1	GRP					1	80
03		PWFI-ID1		A/N	X(7)			1	7
03		PWFI-TRAN-CODE1		A/N	X(2)			8	9
03		PWFI-PLANT-OWNER-NAME		A/N	X(30)			10	39
03		PWFI-PLANT-STREET		A/N	X(30)			40	69
03		FILLER		A/N	X(11)			70	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11-30-76

EXHIBIT: PWSI.215

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID2
PWFI-TRAN-CODE2

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-2

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	**FILE ID:** PWFI	**RECORD NAME:** PWFI-TRAN-2	**PAGE:** 2 **OF** 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-2	GRP					1	80
03		PWFI-ID2		A/N	X(7)			1	7
03		PWFI-TRAN-CODE2		A/N	X(2)			8	9
03		PWFI-PLANT-CITY		A/N	X(30)			10	39
03		PWFI-PLANT-STATE		A/N	X(2)			40	41
03		PWFI-PLANT-ZIP-CODE		A/N	X(5)			42	46
03		PWFI-OWNER-TYPE		A/N	X(1)			47	47
03		FILLER		A/N	X(33)			48	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11-30-76

EXHIBIT: PWSI.216

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID3
PWFI-TRAN-CODE3

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-3

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-3	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-3	GRP					1	80
03		PWFI-ID3		A/N	X(7)			1	7
03		PWFI-TRAN-CODE3		A/N	X(2)			8	9
03		PWFI-MAILING-NAME		A/N	X(30)			10	39
03		PWFI-MAILING-STREET		A/N	X(30)			40	69
03		FILLER		A/N	X(11)			70	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Public Water System Inventory (Conversion Only)	**DATE:** 11-30-76	**EXHIBIT:** PWSI.217
	RECORD TYPE: Fixed **RECORD SIZE:** 80	**PAGE:** 1 OF 2
INPUT TO SUBSYSTEM (S) : Public Water System Inventory	**RECORD ACCESS KEY:** PWFI-ID4 PWFI-TRAN-CODE4	

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-4

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-4	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-4	GRP					1	80
03		PWFI-ID4		A/N	X(7)			1	7
03		PWFI-TRAN-CODE4		A/N	X(2)			8	9
03		PWFI-MAILING-CITY		A/N	X(30)			10	39
03		PWFI-MAILING-STATE		A/N	X(2)			40	41
03		PWFI-MAILING-ZIP-CODE		A/N	X(5)			42	46
03		PWFI-MAILING-AREA-CODE		A/N	X(3)			47	49
03		PWFI-MAILING-PHONE-NUMBER		A/N	X(7)			50	56
03		FILLER		A/N	X(24)			57	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11-30-76

EXHIBIT: PWSI.218

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY:

PWFI-ID5
PWFI-TRAN-CODE5

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-5

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS | FILE ID: PWFI | RECORD NAME: PWFI-TRAN-5 | PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-5	GRP					1	80
03		PWFI-ID5		A/N	X(7)			1	7
03		PWFI-TRAN-CODE5		A/N	X(2)			8	9
03		PWFI-PLANT-AREA-CITY-NAME		A/N	X(15)			10	24
03		PWFI-PLANT-AREA-COUNTY-CODE		A/N	X(3)			25	27
03		PWFI-PLANT-INDIAN-RESERVATION		A/N	X(3)			28	30
03		PWFI-PLANT-RESIDENTIAL		A/N	X(1)			31	31
03		PWFI-PLANT-COMPANY-TOWN		A/N	X(1)			32	32
03		PWFI-PLANT-RECREATION		A/N	X(1)			33	33
03		PWFI-PLANT-MOBILE-HOMES		A/N	X(1)			34	34
03		PWFI-PLANT-INSTITUTION		A/N	X(1)			35	35
03		PWFI-PLANT-SCHOOL		A/N	X(1)			36	36
03		PWFI-PLANT-MOTEL		A/N	X(1)			37	37
03		PWFI-PLANT-RESTAURANT		A/N	X(1)			38	38

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-5	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		PWFI-PLANT-SERVICE-STATION		A/N	X(1)			39	39
03		PWFI-PLANT-CAMPGROUND		A/N	X(1)			40	40
03		PWFI-PLANT-PICNIC-AREA		A/N	X(1)			41	41
03		PWFI-PLANT-LODGE		A/N	X(1)			42	42
03		PWFI-PLANT-MARINA		A/N	X(1)			43	43
03		PWFI-PLANT-SKI-RESORT		A/N	X(1)			44	44
03		PWFI-PLANT-BATHING		A/N	X(1)			45	45
03		PWFI-PLANT-VISITOR-CENTER		A/N	X(1)			46	46
03		PWFI-PLANT-HWY-REST-AREA		A/N	X(1)			47	47
03		PWFI-PLANT-AIRPORT		A/N	X(1)			48	48
03		PWFI-PLANT-OTHER-AREA		A/N	X(1)			49	49
03		FILLER		A/N	X(31)			50	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION									
DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11-30-76

EXHIBIT: PWSI.219

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID6
PWFI-TRAN-CODE6

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-6

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-6	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-6	GRP					1	80
03		PWFI-ID6		A/N	X(7)			1	7
03		PWFI-TRAN-CODE6		A/N	X(2)			8	9
03		PWFI-PLANT-CONSECUTIVE-NUM-PWS		A/N	X(7)			10	16
03		PWFI-PLANT-INTERSTATE-CARRIER		A/N	X(1)			17	17
03		PWFI-PLANT-TYPE		A/N	X(1)			18	18
03		PWFI-PLANT-POPULATION-SERVED		A/N	X(9)			19	27
03		PWFI-PLANT-SERVICES-NUMBER		A/N	X(7)			28	34
03		PWFI-PLANT-METERS-NUMBER		A/N	X(7)			35	41
03		PWFI-PLANT-CONSEC-INDICATOR		A/N	X(1)			42	42
03		FILLER		A/N	X(38)			43	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11-30-76

EXHIBIT: PWSI.220

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID7
PWFI-TRAN-CODE7

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-7

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-7	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-7	GRP					1	80
03		PWFI-ID7		A/N	X(7)			1	7
03		PWFI-TRAN-CODE7		A/N	X(2)			8	9
03		PWFI-PLANT-AVERAGE-PRODUCTION		A/N	X(10)			10	19
03		PWFI-PLANT-DESIGN-CAPACITY		A/N	X(10)			20	29
03		PWFI-PLANT-EMERGENCY-POWER		A/N	X(10)			30	39
03		PWFI-PLANT-STORAGE-CAPACITY		A/N	X(10)			40	49
03		PWFI-PLANT-MAX-PRODUCTION		A/N	X(10)			50	59
03		FILLER		A/N	X(21)			60	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11-30-76

EXHIBIT: PWSI.221

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID8
PWFI-TRAN-CODE8

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-8

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-8	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-8	GRP					1	80
03		PWFI-ID8		A/N	X(7)			1	7
03		PWFI-TRAN-CODE8		A/N	X(2)			8	9
03		PWFI-PLANT-BEGIN-DATE		A/N	X(4)			10	13
03		PWFI-PLANT-LAST-SURVEY-DATE		A/N	X(6)			14	19
03		PWFI-PLANT-COMPLIANCE-CYCLE		A/N	X(2)			20	21
03		PWFI-PLANT-ACTIVITY		A/N	X(1)			22	22
03		PWFI-PLANT-DEACTIVATION-DATE		A/N	X(6)			23	28
03		PWFI-PLANT-DEACTIVATION-REASON		A/N	X(1)			29	29
03		PWFI-PLANT-MANUAL-FILE		A/N	X(12)			30	41
03		FILLER		A/N	X(39)			42	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11-30-76

EXHIBIT: PWSI.222

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY:

PWFI-ID9
PWFI-TRAN-CODE9

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-9

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-9	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-9	GRP					1	80
03		PWFI-ID9		A/N	X(7)			1	7
03		PWFI-TRAN-CODE9		A/N	X(2)			8	9
03		PWFI-STATE-POSTAL-CODE		A/N	X(2)			10	11
03		PWFI-STATE-REGULATE-BY		A/N	X(1)			12	12
03		PWFI-STATE-REGION		A/N	X(2)			13	14
03		PWFI-STATE-DISTRICT		A/N	X(2)			15	16
03		PWFI-STATE-BACTERIOLOGICAL-FLG		A/N	X(1)			17	17
03		PWFI-STATE-MONTHLY-MONITORING		A/N	X(1)			18	18
03		PWFI-STATE-NO-OF-SAMPLES		A/N	X(3)			19	21
03		PWFI-STATE-SEASON-BEGIN		A/N	X(4)			22	25
03		PWFI-STATE-SEASON-END		A/N	X(4)			26	29
03		PWFI-STATE-MIN-NO-DAILY-CHECKS		A/N	X(1)			30	30
03		PWFI-STATE-NCOM-SAMPLE-FREQ		A/N	X(3)			31	33

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-9	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		PWFI-STATE-MCL-HALT-CHECK-SAMP		A/N	X(1)			34	34
03		PWFI-STATE-CHLORINE		A/N	X(2)			35	36
03		PWFI-STATE-TURBIDITY-FLAG		A/N	X(1)			37	37
03		PWFI-STATE-TURBIDITY-UNITS		A/N	X(2)			38	39
03		FILLER		A/N	X(41)			40	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11-18-80

EXHIBIT: PWSI.223

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID10
PWFI-TRAN-CODE10

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-10

MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-10	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-10	GRP					1	80
03		PWFI-ID10		A/N	X(7)			1	7
03		PWFI-TRAN-CODE10		A/N	X(2)			8	9
03		PWFI-OCCURANCE10		A/N	X(1)			10	10
03		PWFI-STATE-TOTAL-TTHM-SAMPLES		A/N	X(4)			11	14
03		PWFI-STATE-NUMBER-OF-PLANTS		A/N	X(3)			15	17
03		PWFI-STATE-TTHM-FREQ		A/N	X(1)			18	18
03		FILLER		A/N	X(62)			19	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11-30-76

EXHIBIT: PWSI.224

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY:

PWFI-ID11
PWFI-TRAN-CODE11

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-11

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-11	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-11	GRP					1	80
03		PWFI-ID11		A/N	X(7)			1	7
03		PWFI-TRAN-CODE11		A/N	X(2)			8	9
03		PWFI-STATE-ORGANIC-BEGIN-PERIO		A/N	X(4)			10	13
03		PWFI-STATE-ORGANIC-END-PERIOD		A/N	X(4)			14	17
03		PWFI-STATE-GROUND-WATER-MONITO		A/N	X(1)			18	18
03		PWFI-STATE-AIR-TEMPERATURE		A/N	X(3)			19	21
03		PWFI-STATE-NITRATE-FREQUENCY		A/N	X(4)			22	25
03		PWFI-STATE-RADIOACTIVE-FLAG		A/N	X(1)			26	26
03		PWFI-STATE-RADIOACTIVE-MONITOR		A/N	X(1)			27	27
03		PWFI-STATE-BETA-FREQ-MONTHS		A/N	X(2)			28	29
03		PWFI-STATE-NUCLEAR-FACILITY		A/N	X(1)			30	30
03		PWFI-STATE-NUCLEAR-FAC-TYPE1		A/N	X(1)			31	31
03		PWFI-STATE-NUCLEAR-FAC-TYPE2		A/N	X(1)			32	32

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	**FILE ID:** PWFI	**RECORD NAME:** PWFI-TRAN-11	**PAGE:** 3 **OF** 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		FILLER		A/N	X(48)			33	80

MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 06-30-82

EXHIBIT: PWSI.225

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID12
PWFI-TRAN-CODE12

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-12

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-12	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-12	GRP					1	80
03		PWFI-ID12		A/N	X(7)			1	7
03		PWFI-TRAN-CODE12		A/N	X(2)			8	9
03		PWFI-STATE-CONTAMINANT-ID		A/N	X(4)			10	13
03		PWFI-STATE-DATE-OF-PLAN		A/N	X(4)			14	17
03		PWFI-STATE-CONTAMINANT-FREQ		A/N	X(3)			18	20
03		PWFI-STATE-CONTAMINANT-		A/N	X(3)			21	23
		SAMPLES							
03		PWFI-STATE-CONTAMINANT-START		A/N	X(4)			24	27
03		PWFI-STATE-CONTAMINANT-END		A/N	X(4)			28	31
03		Filler		A/N	X(49)			32	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11-30-76

EXHIBIT: PWSI.226

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID13
PWFI-TRAN-CODE13

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-13

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-13	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-13	GRP					1	80
03		PWFI-ID13		A/N	X(7)			1	7
03		PWFI-TRAN-CODE13		A/N	X(2)			8	9
03		PWFI-STATE-MONITOR-GROSS-ALPHA		A/N	X(2)			10	11
03		PWFI-STATE-MONITOR-RADIUM-MTHS		A/N	X(2)			12	13
03		PWFI-STATE-NUM-SAMPLES-PER-YR		A/N	X(1)			14	14
03		PWFI-STATE-REPORT-REQUIRED		A/N	X(1)			15	15
03		PWFI-STATE-LAST-REPORT-DATE		A/N	X(4)			16	19
03		PWFI-STATE-ENGLISH-METRIC-SYST		A/N	X(1)			20	20
03		FILLER		A/N	X(60)			21	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11-30-76

EXHIBIT: PWSI.227

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID14
PWFI-TRAN-CODE14

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-14

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-14	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-14	GRP					1	80
03		PWFI-ID14		A/N	X(7)			1	7
03		PWFI-TRAN-CODE14		A/N	X(2)			8	9
03		PWFI-OCCURANCE14		A/N	X(1)			10	10
03		PWFI-LAB-ID		A/N	X(5)			11	15
03		PWFI-LAB-CAPTIVE-FLAG		A/N	X(1)			16	16
03		FILLER		A/N	X(64)			17	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

Variances & Exemptions

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11-30-76

EXHIBIT: PWSI.228

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID15
PWFI-TRAN-CODE15

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-15

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-15	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-15	GRP					1	80
03		PWFI-ID15		A/N	X(7)			1	7
03		PWFI-TRAN-CODE15		A/N	X(2)			8	9
03		PWFI-OCCURANCE15		A/N	X(1)			10	10
03		PWFI-VAEX-CONTAMINANT-ID		A/N	X(4)			11	14
03		PWFI-VAEX-MODIFIED-MCL		A/N	X(5)			15	19
03		PWFI-MODIFIED-MCL-DEC		A/N	X(1)			20	20
03		PWFI-VAEX-ALT-MONITOR-FREQ		A/N	X(3)			21	23
03		FILLER		A/N	X(57)			24	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

DATE: 11-30-76

EXHIBIT: PWSI.229

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

RECORD ACCESS KEY:

PWFI-ID16
PWFI-TRAN-CODE16
PWFI-PLANT-SOURCE-CODE

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-16

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-16	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-16	GRP					1	80
03		PWFI-ID16		A/N	X(7)			1	7
03		PWFI-TRAN-CODE16		A/N	X(2)			8	9
03		PWFI-OCCURANCE16		A/N	X(2)			10	11
03		PWFI-PLANT-SOURCE-NAME		A/N	X(15)			12	26
03		PWFI-PLANT-SOURCE-CODE		A/N	X(1)			27	27
03		PWFI-PLANT-NUM-OF-WELLS		A/N	X(2)			28	29
03		PWFI-PLANT-AVAILABILITY		A/N	X(1)			30	30
03		PWFI-PLANT-BASIN-NUMBER		A/N	X(4)			31	34
03		PWFI-PLANT-LATITUDE		A/N	X(7)			35	41
03		PWFI-PLANT-LONGITUDE		A/N	X(7)			42	48
03		PWFI-PLANT-SELLER-ID		A/N	X(7)			49	55
03		PWFI-PLANT-AERATION		A/N	X(1)			56	56
03		PWFI-PLANT-PRECHLORINATION		A/N	X(1)			57	57

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-16	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		PWFI-PLANT-COAGULATION		A/N	X(1)			58	58
03		PWFI-PLANT-SEDIMENTATION		A/N	X(1)			59	59
03		PWFI-PLANT-FILTRATION		A/N	X(1)			60	60
03		PWFI-PLANT-CORROSION-CNTRL		A/N	X(1)			61	61
03		PWFI-PLANT-SOFTENING		A/N	X(1)			62	62
03		PWFI-PLANT-TASTE-ODOR		A/N	X(1)			63	63
03		PWFI-PLANT-IRON-REMOVAL		A/N	X(1)			64	64
03		PWFI-PLANT-AMMONIATION		A/N	X(1)			65	65
03		PWFI-PLANT-FLOURIDE-ADJUSTMENT		A/N	X(1)			66	66
03		PWFI-PLANT-DISINFECTION		A/N	X(1)			67	67
03		PWFI-PLANT-OTHER-TREATMENT		A/N	X(1)			68	68
03		FILLER		A/N	X(12)			69	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

EXHIBIT NO.'s PWSI.230 through 232

have been intentionally left out.

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(Conversion Only)

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 11-30-76

EXHIBIT: PWSI.233

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWFI-ID17
PWFI-TRAN-CODE17

FILE NAME: PWF-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-17

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF-TRANSACTIONS	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-17	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-17	GRP					1	8
03		PWFI-ID17		A/N	X(7)			1	7
03		PWFI-TRAN-CODE17		A/N	X(2)			8	9
03		PWFI-NATIONAL-KEY		A/N	X(14)			10	23
03		FILLER		A/N	X(57)			24	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory

DATE: 12-1-78

EXHIBIT: PWSI.234

RECORD TYPE: Fixed

RECORD SIZE: 136

PAGE: 1 OF 2

RECORD ACCESS KEY: PWT-ID

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory
Water Quality Compliance
Enforcement Actions
Variances and Exemptions
Operator and Mailing

FILE NAME: Public Water Table

FILE ID: PWT

RECORD NAME: PWT-HEADER-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water Table	**FILE ID:** PWT	**RECORD NAME:** PWT-HEADER	**PAGE:** 2 **OF** 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWT-HEADER-RECORD						1	136
03		PWT-HDR-REL-REC	705	N	9(5)			1	5
03		PWT-HDR-NEXT-HDR-RCD	706	N	9(6)			6	11
03		PWT-HDR-RCDS-PER-TRACK	707	N	9(3)			12	14
03		PWT-HDR-FIRST-KEY	708	A/N	X(7)			15	21
03		PWT-HDR-LAST-KEY	709	A/N	X(7)			22	28
03		PWT-HDR-NUM-POINTERS	710	N	9(2)			29	30
03		PWT-HDR-POINTERS	GRP			5		31	130
05		PWT-HDR-LOW-KEY	711	A/N	X(7)				
05		PWT-HDR-HIGH-KEY	712	A/N	X(7)				
05		PWT-HDR-RELATIVE-REC	713	N	9(6)				
03		FILLER		N	9(6)			131	136

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory
Water Quality Compliance
Enforcement Actions
Variances and Exemptions
Operator and Mailing

DATE: 12-1-78

EXHIBIT: PWSI.234.1

RECORD TYPE: Fixed

RECORD SIZE: 136

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWT-ID

FILE NAME: Public Water Table

FILE ID: PWT

RECORD NAME: PWT-POINTER-RECORD

142.2

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1/31/79

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water Table	FILE ID: PWT	RECORD NAME: PWT-POINTER-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWT-POINTER-RECORD						1	136
03		PWT-PNTR-REL-REC	714	N	9(5)			1	5
03		PWT-PNTR-PREV-KEY	715	A/N	X(7)			6	12
03		PWT-PNTR-NEXT-KEY	716	A/N	X(7)			13	19
03		PWT-PNTR-NUM-TRAILERS	717	N	9(2)			20	21
03		PWT-PNTR-TRAILERS	GRP			5		22	121
05		PWT-PNTR-LOW-KEY	718	A/N	X(7)				
05		PWT-PNTR-HIGH-KEY	719	A/N	X(7)				
05		PWT-PNTR-RELATIVE-REC	720	N	9(6)				
03		FILLER		A/N	X(15)			122	136

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory
Water Quality Compliance
Enforcement Actions
Variances and Exemptions
Operator and Mailing

DATE: 12-1-78

EXHIBIT: PWSI.234.2

RECORD TYPE: Fixed

RECORD SIZE: 136

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWT-ID

FILE NAME: Public Water Table

FILE ID: PWT

RECORD NAME: PWT-INDEX-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water Table	FILE ID: PWT	RECORD NAME: PWT-INDEX-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWT-INDEX-RECORD						1	136
03		PWT-INDX-REL-REC	721	N	9(5)			1	5
03		PWT-INDX-PREV-KEY	722	A/N	X(7)			6	12
03		PWT-INDX-NEXT-KEY	723	A/N	X(7)			13	19
03		PWT-INDX-NUM-SEGMENTS	724	N	9(2)			20	21
03		PWT-INDX-SEGMENT	GRP			8		22	125
05		PWT-INDX-KEY	725	A/N	X(7)				
05		PWT-INDX-RELATIVE-REC	726	N	9(6)				
03		FILLER		A/N	X(11)			126	136

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) : Public Water System Inventory

DATE: 1-25-77

EXHIBIT: PWSI.235

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY: PWFI-PROC-KEY

FILE NAME: Processing Options

FILE ID: PWFI

RECORD NAME: PWFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: PWFI	RECORD NAME: PWFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-PROC-RECORD	GRP					1	80
03		PWFI-PROC-ID		A/N	X(4)			1	4
03		PWFI-PROC-DATE		A/N	X(6)			5	10
03		PWFI-PROC-STATE		A/N	X(2)			11	12
03		FILLER		A/N	X(68)			13	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 1-31-77

EXHIBIT: PWSI.236

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

INPUT TO SUBSYSTEM (S) : Public Water System Inventory

RECORD ACCESS KEY:

PWFI-SELECT-1-ID
PWFI-SELECT-1-DE-NO

FILE NAME: Processing Options

FILE ID: PWFI

RECORD NAME: PWFI-SELECT-1-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: PWFI	RECORD NAME: PWFI-SELECT-1-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-SELECT-1-RECORD	GRP					1	80
03		PWFI-SELECT-1-ID		A/N	X(4)			1	4
03		PWFI-SELECT-1-MNEMONIC		A/N	X(10)			5	14
03		PWFI-SELECT-1-DE-VALUE		A/N	X(15)			15	29
03		PWFI-SELECT-1-DE-NO		A/N	X(2)			30	31
03		FILLER		A/N	X(49)			32	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 1-31-77

EXHIBIT: PWSI.237

RECORD TYPE: Fixed

PAGE: 1 OF 2

RECORD SIZE: 80

RECORD ACCESS KEY: PWFI-SELECT-2-ID

INPUT TO SUBSYSTEM (S) : Public Water System Inventory

FILE NAME: Processing Options

FILE ID: PWFI

RECORD NAME: PWFI-SELECT-2-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE:
Processing Options	PWFI	PWFI-SELECT-2-RECORD	2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-SELECT-2-RECORD	GRP					1	80
03		PWFI-SELECT-2-ID		A/N	X(4)			1	4
03		PWFI-SELECT-2-REL-SYMBOL	GRP			35		5	74
05		PWFI-SELECT-2-SYMBOL		A/N	X(2)				
03		FILLER		A/N	X(6)			75	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 1-31-77

EXHIBIT: PWSI.238

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY: PWFI-PROC-ID

INPUT TO SUBSYSTEM (S) : Public Water System Inventory

FILE NAME: Processing Options

FILE ID: PWFI

RECORD NAME: PWFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: PWFI	RECORD NAME: PWFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-PROC-RECORD	GRP					1	80
03		PWFI-PROC-ID		A/N	X(4)			1	4
03		PWFI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(3)			11	13
03		PWFI-REPT-TYPE-PWSI030		A/N	X(1)			14	14
03		PWFI-REPT-TYPE-PWSI040		A/N	X(1)			15	15
03		PWFI-REPT-TYPE-PWSI050		A/N	X(1)			16	16
03		PWFI-REPT-TYPE-PWSI060		A/N	X(1)			17	17
03		FILLER		A/N	X(63)			18	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 11-18-76

EXHIBIT: PWSI.239

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

Processing Option

FILE NAME: PWF Sort Options

FILE ID: PWFI

RECORD NAME: PWFI-SORT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWF Sort Options	FILE ID: PWFI	RECORD NAME: PWFI-SORT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-SORT-RECORD	GRP					1	80
03		PWFI-SORT-ID		A/N	X(4)			1	4
03		PWFI-SORT-INFORMATION	GRP			5		5	69
05		PWFI-SORT-SEQUENCE		A/N	X(2)				
05		PWFI-SORT-MNEMONIC		A/N	X(10)				
05		PWFI-SORT-MODE		A/N	X(1)				
03		FILLER		A/N	X(11)			70	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 12/02/76

EXHIBIT: PSWI.240

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME. PHF Processing Options

FILE ID: PHFI

RECORD NAME: PHFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PHF Processing Options	FILE ID: PHFI	RECORD NAME: PHFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PHFI-PROC-RECORD	Grp					1	80
03		PHFI-PROC-ID		A/N	X(4)			1	4
03		PHFI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(70)			11	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 9/10/77

EXHIBIT: PWSI.241

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PWS-TRANS-ID-NEW

FILE NAME: PWS ID CONVERSION TRANSACTION FILE

FILE ID: PWS

RECORD NAME: PWS-TRANS-RECORD

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4/10/78

MODEL STATE INI MATION SYSTEM

RECORD DEFINITION

FILE NAME: PWS ID CONVERSION TRANSACTION FILE
FILE ID: PWS
RECORD NAME: PWS-TRANS-RECORD
PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWS-TRANS-RECORD	GRP					1	80
03		PWS-TRANS-ID-NEW		A/N	X(7)			1	7
03		PWS-TRANS-ID-OLD		A/N	X(7)			8	14
03		PWS-TRANS-NATIONAL-KEY		A/N	X(14)			15	28
03		FILLER		A/N	X(52)			29	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 9-10-77

EXHIBIT: PWSI.242

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

FILE NAME: Public Water File
PROC Processing Options

FILE ID: PWFI

RECORD NAME: PWFI-PROC-RECORD

Binder 24
4/10/78

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File PROC Processing Options	**FILE ID:** PWFI	**RECORD NAME:** PWFI-PROC-RECORD	**PAGE:** 2 **OF** 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-PROC-RECORD	GRP					1	80
03		PWFI-PROC-ID		A/N	X(4)			1	4
03		PWFI-PROC-DATE		A/N	X(6)			5	10
03		Filler		A/N	X(3)			11	13
03		PWFI-PROC-KEY-OPTION		A/N	X(1)			14	14
03		Filler		A/N	X(56)			15	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE:

EXHIBIT: PWSI.243

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

Binder 24
10/15/78

FILE NAME: Processing Options

FILE ID: PWFI

RECORD NAME: PWFI-PROC-RECORD

Binder 24
10/15/78

MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: PWFI	RECORD NAME: PWFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-PROC-RECORD	GRP					1	80
03		PWFI-PROC-ID		A/N	X(4)			1	4
03		PWFI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(3)			11	13
03		PWFI-PROC-NUMBER-LABELS		A/N	X(1)			14	14
03		FILLER		A/N	X(66)			15	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
Federal Reporting

DATE: 2/22/79

EXHIBIT: PWSI.244

RECORD TYPE: Variable

PAGE: 1 OF 3

RECORD SIZE: 706 to 1606

RECORD ACCESS KEY: PWF-ID

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory
Water Quality Compliance
Federal Reporting
Sanitary Survey

FILE NAME: Public Water File

FILE ID: PWF

RECORD NAME: PWF-RECORD2

Binder 24
9/30/79

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD2	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWF-RECORD2	GRP					1	1606
03		FILLER		A/N	X(704)			1	704
03	PW-TOT-OCC	PWF-TOTAL-OCCURRENCES-NUMBER	727	N	9(2)			705	706
03		PWF-ENTRY-POINT-INFORMATION	GRP			15	X	707	1606
05	PW-EP-NAME	PWF-ENTRY-POINT-NAME	728	A/N	X(15)				
05	PW-EP-CODE	PWF-ENTRY-POINT-CODE	729	A/N	X(1)				
05	PW-EP-ID	PWF-ENTRY-POINT-ID	730	A/N	X(1)				
05	PW-EP-TFLG	PWF-ENTRY-POINT-TURB-FLAG	731	A/N	X(1)				
05	PW-EP-TBUN	PWF-ENTRY-POINT-TURB-UNITS	732	N	9(1)V9(1)				
05	PW-EP-MNTH	PWF-ENTRY-POINT-VE-MNTHLY-AVG	733	N	9(2)V9(1)				
05	PW-EP-LATI	PWF-ENTRY-POINT-LADITUDE	734	A/N	X(7)				
05	PW-EP-LONG	PWF-ENTRY-POINT-LONGITUDE	735	A/N	X(7)				
05	PW-EP-CONS	PWF-ENTRY-POINT-VE-CONSEC-AVG	736	N	9(2)V9(1)				
05	PW-EP-AMF	PWF-ENTRY-POINT-ALT-MON-FREQ	737	A/N	X(3)				

Binder 24
9/30/79

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Public Water File	FILE ID: PWF	RECORD NAME: PWF-RECORD2	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05		FILLER		A/N	X(1)				
05	*	PWF-PLANT-TREATMENT	*	A/N	X(1)	13			
05		FILLER		A/N	X(3)				

* No mnemonic name or catalog number is necessary for this element as each occurrence is individually defined in PWSI.200.

154.9 (R)

Binder 24
9/30/79

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

154.10 (R)

Binder 24
9/30/79

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Public Water System Inventory
(conversion only)

INPUT TO SUBSYSTEM (S) :

Public Water System Inventory

DATE: 2/22/79

EXHIBIT: PWSI.245

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY:

PWFI-ID16A
PWFI-TRAN-CODE16A
PWFI-ENTRY-POINT-CODE

FILE NAME: PWFI-TRANSACTION-FILE

FILE ID: PWFI

RECORD NAME: PWFI-TRAN-16A

154.11 (R)

Binder 24
9/30/79

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PWFI-TRANSACTION-FILE
FILE ID: PWFI
RECORD NAME: PWFI-TRAN-16A
PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PWFI-TRAN-16A	GRP					1	80
03		PWFI-ID16A		A/N	X(7)			1	7
03		PWFI-TRAN-CODE16A		A/N	X(2)			8	9
03		PWFI-OCCURANCE16A		A/N	X(2)			10	11
03		PWFI-ENTRY-POINT-NAME		A/N	X(15)			12	26
03		PWFI-ENTRY-POINT-CODE		A/N	X(1)			27	27
03		PWFI-ENTRY-POINT-ID		A/N	X(1)			28	28
03		PWFI-ENTRY-POINT-TURB-FLAG		A/N	X(1)			29	29
03		PWFI-ENTRY-POINT-TURB-UNITS		A/N	X(2)			30	31
03		PWFI-ENTRY-POINT-VE-MNTHLY-AVG		A/N	X(3)			32	34
03		PWFI-ENTRY-POINT-LATITUDE		A/N	X(7)			35	41
03		PWFI-ENTRY-POINT-LONGITUDE		A/N	X(7)			42	48
03		PWFI-ENTRY-POINT-VE-CONSEC-AVG		A/N	X(3)			49	41
03		PWFI-ENTRY-POINT-ALT-MON-FREQ		A/N	X(3)			52	54

154.12 (R)

MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: PWFI-TRANSACTION-FILE	FILE ID: PWFI	RECORD NAME: PWFI-TRAN-16A	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		FILLER		A/N	X(1)			55	55
03		PWFI-PLANT-TREATMENT		A/N	X(1)	13		56	68
03		FILLER		A/N	X(12)			69	80

Binder 24
9/30/79

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

154.14 (R)

PWS1030 1 OF 1
11/16/76

PRODUCE CONDENSED REPORT
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT PWS1.300

```
                                                   MODEL STATE INFORMATION SYSTEM
PWS1030                                       PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

DATE XX/XX/XX                                            CONDENSED REPORT                                          PAGE ZZZZ9
                                                  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX ①

PWS-ID  REGION DISTRICT TYPE     MAILING NAME/ADDRESS              PLANT/OWNER ADDRESS             PLANT LOCATION     OWNER POPULATION
                                                                                                                      TYPE   SERVED

XXXXXXX   XX     XX      X  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX CITY: XXXXXXXXXXXXXXX   X   XXXXXXXXX
                            XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX COUNTY: XX
                            XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                            XX XXXXX                        XX XXXXX


        ① TYPE OF PWF FILE BEING REPORTED
```

```
           PWS1050                        1 OF 1
                                          11/19/76
STATE DISCRETIONARY DATA REPORT MODULE
        SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT PWSI.301


                                              MODEL STATE INFORMATION SYSTEM
                                            PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM
PWS1050
DATE XX/XX/XX                             PUBLIC WATER SYSTEMS - STATE DISCRETIONARY DATA                          PAGE ZZZZ9

                                              XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  1

REGN DIST    ID              NAME       ------------------------B A C T E R I O L O G I C A L-------------------     ---TURBIDITY---
                                                                              MIN NO  NCOM   MCL HALT    %
 XX   XX  XXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  BACTI MONTHLY  NO OF    SEASON    DAILY  SAMPLE  CHECK  CHLORINE      TURBIDITY
                                                   FLG  MONITOR SAMPLES START END  CHECKS  FREQ   SAMPLE  SAMPLES     FLAG    UNITS

                                                    X      X      XXX   XX/XX XX/XX X      XXX      X       XX          X      X.X

----------------CHEMICALS----------------     ------------------------------RADIOACTIVE--------------------------------------------
  TRIHALOMETHANES
TOT NUM NUMBER                     INORGANIC
  OF      OF   SAMP    ORGANIC    AIR NITRATE  RADIOACTIVE  BETA FREQ  NUCLEAR    MONITOR       MONITOR     NUM SAMPLES  GROUND WATER
SAMPLES PLANTS FREQ  BEGIN  END  TEMP  FREQ    FLG MONITOR   MONTHS     FAC    GROSS ALPHA  RADIUM MTHS    PER   YR       MONITOR

 XXXX    XXX    X    XXXXX XXXXX XXXX  XXXX     X     X        XX       X  X       XX           XX            X              X


LAB DATA:        ID        CAPTIVE                                       FACILITY          CONTAMINANT
                                                                        CONTAMIN ID         FREQUENCY
               XXXXX         X
               XXXXX         X                                             XXXX                XX
               XXXXX         X                                             XXXX                XX
               XXXXX         X                                             XXXX                XX
               XXXXX         X                                             XXXX                XX
                                                                           XXXX                XX
VARIANCE OR  CONTAMINANT  MODIFIED   ALT MONITOR                           XXXX                XX
 EXEMPTION:      ID          MCL         FREQ                              XXXX                XX
                                                                           XXXX                XX
               XXXXX  XXXXXXXXXXXXXX  XXX                                  XXXX                XX
               XXXXX  XXXXXXXXXXXXXX  XXX                                  XXXX                XX
               XXXXX  XXXXXXXXXXXXXX  XXX
               XXXXX  XXXXXXXXXXXXXX  XXX


          1   SUBHEADING TO THE REPORT - NEW PWS RECORDS
                                         INCOMPLETE PWS RECORDS
                                         PWS STATUS RECORDS
                                         SELECTION EXTRACT FILE
                                         RECORDS UNSUCCESSFULLY UPDATED
```

PWSI040 1 OF 1
11/18/76

PRODUCTION DATA REPORT MODULE

SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT PWSI.302

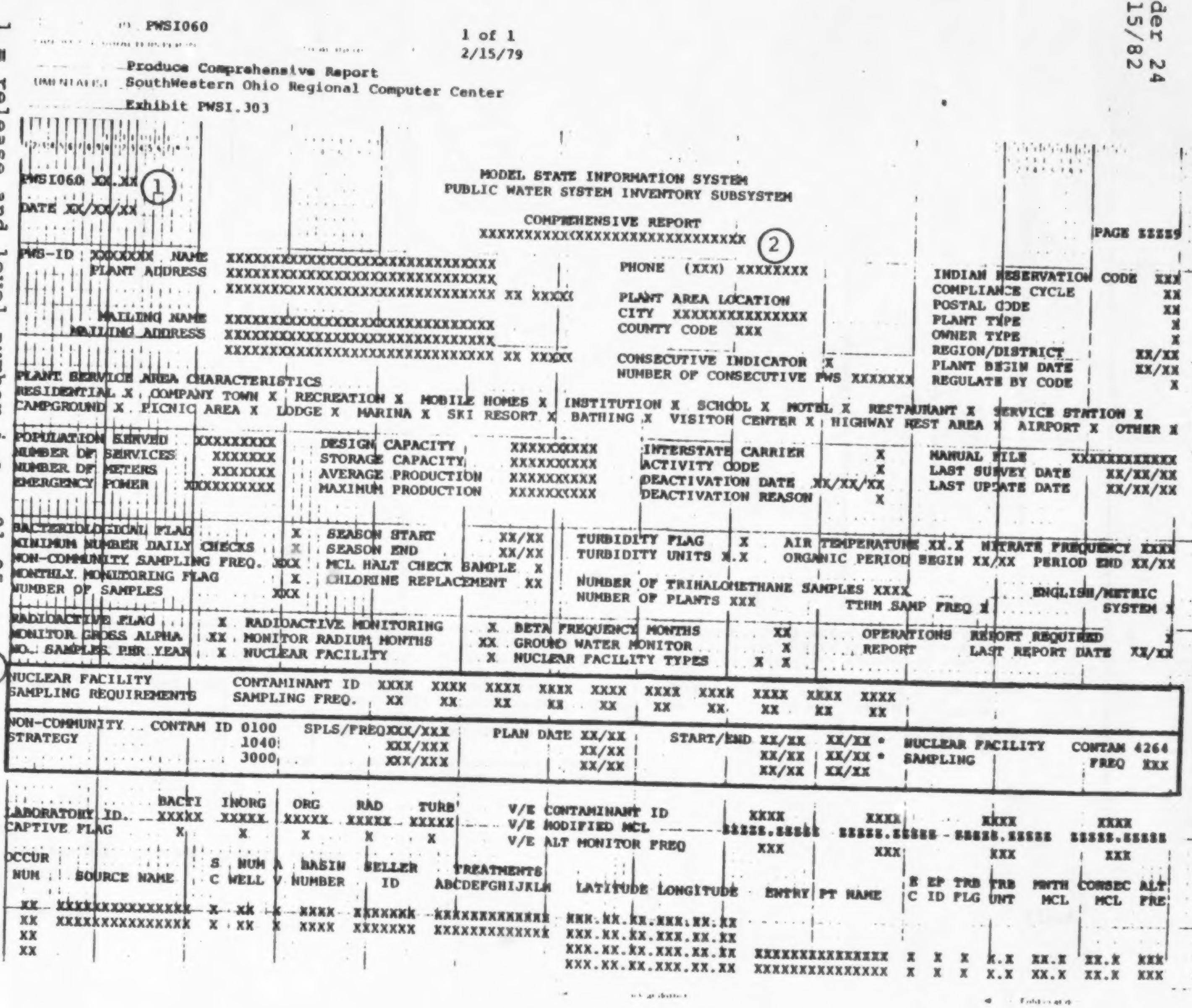
```
                                                  MODEL STATE INFORMATION SYSTEM
PWSI040                                       PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

DATE XX/XX/XX                                      PRODUCTION AND CAPACITY DATA                                   PAGE ZZZZ9

PWS-ID  REG/                                      POPULATION SERVICES METERS AVERAGE   DESIGN    EMERGENCY   STORAGE    MAXIMUM
        DIST TYPE UNITS        PWS NAME             SERVED    NUMBER  NUMBER PRODUCT  CAPACITY     POWER    CAPACITY  PRODUCTION

XXXXXXX XX/XX  X    X  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
XXXXXXX XX/XX  X    X  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
XXXXXXX XX/XX  X    X  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX
```

Binder 24
07/15/82



```
PWSI060                                             1 of 1
                                                    2/15/79
              Produce Comprehensive Report
              SouthWestern Ohio Regional Computer Center
              Exhibit PWSI.303

PWSI060 XX.XX (1)                  MODEL STATE INFORMATION SYSTEM
DATE XX/XX/XX               PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

                                          COMPREHENSIVE REPORT                              PAGE ZZZZ9
                                   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX (2)
PWS-ID XXXXXXX  NAME   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX          PHONE   (XXX) XXXXXXXX        INDIAN RESERVATION CODE  XXX
         PLANT ADDRESS XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX                                        COMPLIANCE CYCLE          XX
                       XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XX XXXXX PLANT AREA LOCATION           POSTAL CODE               XX
                                                               CITY  XXXXXXXXXXXXXXX         PLANT TYPE                 X
          MAILING NAME XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX          COUNTY CODE  XXX              OWNER TYPE                 X
       MAILING ADDRESS XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX                                        REGION/DISTRICT        XX/XX
                       XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XX XXXXX CONSECUTIVE INDICATOR  X      PLANT BEGIN DATE       XX/XX
PLANT SERVICE AREA CHARACTERISTICS                             NUMBER OF CONSECUTIVE PWS XXXXXXX REGULATE BY CODE       X
RESIDENTIAL X  COMPANY TOWN X  RECREATION X  MOBILE HOMES X  INSTITUTION X  SCHOOL X  MOTEL X  RESTAURANT X  SERVICE STATION X
CAMPGROUND X  PICNIC AREA X  LODGE X  MARINA X  SKI RESORT X  BATHING X  VISITOR CENTER X  HIGHWAY REST AREA X  AIRPORT X  OTHER X

POPULATION SERVED   XXXXXXXXX   DESIGN CAPACITY      XXXXXXXXX   INTERSTATE CARRIER         X   MANUAL FILE     XXXXXXXXXXXX
NUMBER OF SERVICES    XXXXXXX   STORAGE CAPACITY     XXXXXXXXX   ACTIVITY CODE              X   LAST SURVEY DATE    XX/XX/XX
NUMBER OF METERS      XXXXXXX   AVERAGE PRODUCTION   XXXXXXXXX   DEACTIVATION DATE   XX/XX/XX   LAST UPDATE DATE    XX/XX/XX
EMERGENCY POWER    XXXXXXXXXX   MAXIMUM PRODUCTION   XXXXXXXXX   DEACTIVATION REASON        X

BACTERIOLOGICAL FLAG              X   SEASON START          XX/XX   TURBIDITY FLAG    X   AIR TEMPERATURE XX.X  NITRATE FREQUENCY XXXX
MINIMUM NUMBER DAILY CHECKS       X   SEASON END            XX/XX   TURBIDITY UNITS X.X   ORGANIC PERIOD BEGIN XX/XX  PERIOD END XX/XX
NON-COMMUNITY SAMPLING FREQ.    XXX   MCL HALT CHECK SAMPLE  X
MONTHLY MONITORING FLAG           X   CHLORINE REPLACEMENT  XX      NUMBER OF TRIHALOMETHANE SAMPLES XXXX         ENGLISH/METRIC
NUMBER OF SAMPLES               XXX                                 NUMBER OF PLANTS XXX       TTHM SAMP FREQ X        SYSTEM X

RADIOACTIVE FLAG        X   RADIOACTIVE MONITORING        X   BETA FREQUENCY MONTHS     XX     OPERATIONS  REPORT REQUIRED        X
MONITOR GROSS ALPHA    XX   MONITOR RADIUM MONTHS        XX   GROUND WATER MONITOR       X     REPORT      LAST REPORT DATE   XX/XX
NO. SAMPLES PER YEAR    X   NUCLEAR FACILITY              X   NUCLEAR FACILITY TYPES   X X
(3)
NUCLEAR FACILITY           CONTAMINANT ID  XXXX  XXXX  XXXX  XXXX  XXXX  XXXX  XXXX  XXXX  XXXX  XXXX
SAMPLING REQUIREMENTS      SAMPLING FREQ.   XX    XX    XX    XX    XX    XX    XX    XX    XX    XX

NON-COMMUNITY   CONTAM ID 0100   SPLS/FREQXXX/XXX     PLAN DATE XX/XX     START/END XX/XX  XX/XX *  NUCLEAR FACILITY   CONTAM 4264
STRATEGY                  1040             XXX/XXX              XX/XX               XX/XX  XX/XX *  SAMPLING                FREQ  XXX
                          3000             XXX/XXX              XX/XX               XX/XX  XX/XX

                  BACTI  INORG   ORG    RAD    TURB
LABORATORY ID.    XXXXX  XXXXX  XXXXX  XXXXX  XXXXX     V/E CONTAMINANT ID            XXXX         XXXX         XXXX         XXXX
CAPTIVE FLAG        X      X      X      X      X       V/E MODIFIED MCL       ZZZZZ.ZZZZZ  ZZZZZ.ZZZZZ  ZZZZZ.ZZZZZ  ZZZZZ.ZZZZZ
                                                        V/E ALT MONITOR FREQ          XXX          XXX          XXX          XXX
OCCUR                   S  NUM  A  BASIN   SELLER     TREATMENTS                                                    R  EP  TRB  TRB  MNTH CONSEC ALT
NUM    SOURCE NAME      C  WELL V  NUMBER    ID     ABCDEFGHIJKLM  LATITUDE LONGITUDE     ENTRY  PT NAME          C  ID  PLG  UNT  MCL   MCL   FRE

 XX  XXXXXXXXXXXXXX     X  XX   X  XXXX   XXXXXXX   XXXXXXXXXXXXX  XXX.XX.XX.XXX.XX.XX
 XX  XXXXXXXXXXXXXX     X  XX   X  XXXX   XXXXXXX   XXXXXXXXXXXXX  XXX.XX.XX.XXX.XX.XX
 XX                                                                XXX.XX.XX.XXX.XX.XX  XXXXXXXXXXXXXXX  X   X    X   X.X  XX.X  XX.X  XXX
 XX                                                                XXX.XX.XX.XXX.XX.XX  XXXXXXXXXXXXXXX  X   X    X   X.X  XX.X  XX.X  XXX
```

1 = release and level number i.e., 01.05

2 = report subheading - replace with one of the following:

SELECTION EXTRACT FILE   INCOMPLETE PWS RECORDS   RECORDS UNSUCCESSFULLY UPDATED
NEW PWS RECORDS   PWS STATUS REQUEST

3 = One of these two groups of data, Nuclear Facility Sampling Requirements or Non-community Strategy, will print depending upon the data that have been entered for a particular PWS.

PWSI060 1 of 1
2/22/79

Produce Sort Sequence Report
SouthWestern Ohio Regional Computer Center

Exhibit PWSI.304

```
PWSI060 XX.XX①                MODEL STATE INFORMATION SYSTEM                PAGE ZZZZ9
DATE XX/XX/XX             PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

                                  SORT SEQUENCE REPORT

                             NO SORT OPTION RECORD PROVIDED  ②

                                     SORT SEQUENCE

                             MNEMONIC NAME      SORT MODE

                           1. XXXXXXXXXX            X
                           2. XXXXXXXXXX            X
                           3. XXXXXXXXXX            X
                           4. XXXXXXXXXX            X          ③
                           5. XXXXXXXXXX            X
                           6. XXXXXXXXXX            X
                           7. XXXXXXXXXX            X
                           8. XXXXXXXXXX            X
                           9. XXXXXXXXXX            X
                          10. XXXXXXXXXX            X

                          TREATMENT KEY FOR COMPREHENSIVE REPORT

                          A  AERATION
                          B  PRECHLORINATION
                          C  COAGULATION
                          D  SEDIMENTATION
                          E  FILTRATION
                          F  CORROSION CONTROL                          ④
                          G  SOFTENING
                          H  TASTE/ODOR
                          I  IRON REMOVAL
                          J  AMMONIATION
                          K  FLUORIDE ADJUSTMENT
                          L  DISINFECTION
                          M  OTHER
```

① release and level number, i.e., 01.05

Utilize ② or ③ depending on whether or not sort option cards were provided.

Add ④ if any comprehensive reports were produced.

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EXHIBIT NO. PWSI.304

has been intentionally left out.

```
          PWSI120                         1 OF 1
                                          11/16/76
CONVERT NATIONAL INVENTORY MODULE
      SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
 EXHIBIT PWSI.305


                                                       MODEL STATE INFORMATION SYSTEM
PWSI120                                             PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

DATE XX/XX/XX                                              NATIONAL PUBLIC WATER FILE                                PAGE ZZZZ9
                                                            CONVERTED DATA REPORT

PWS PLANT  ID: XXXXXXX NATIONAL KEY: XXXXXXXXXXXXX
      NAME: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX PHONE: XXXXX XXXXXXX ------PLANT------                 -----PLANT-----
   LOCATION: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX OWNER TYPE: X          COUNTY CODE        : XXX         DESIGN CAPACITY : XXXXXXXXXX
             XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX                        POPULATION SERVED: XXXXXXXXX   EMERGENCY POWER : XXXXXXXXXX
             XX  XXXXX                                             NUMBER SERVICES   : XXXXXXX     STORAGE CAPACITY: XXXXXXXXXX
                                                                   NUMBER METERS     : XXXXXXX     AVERAGE CAPACITY: XXXXXXXXXX
                                                                   BEGIN DATE        : XX/XX       MAX. PRODUCTION : XXXXXXXXXX

SERVICE AREA CHARACTERISTICS   COMMUNITY: X   COMPANY TOWN: X   RECREATION      : X   MOBILE HOME PARK: X   INSTITUTION       : X
                   SCHOOL : X  MOTEL    : X   RESTAURANT  : X   SERVICE STATION: X   CAMPGROUND      : X   PICNIC AREA       : X
                   LODGE  : X  MARINA   : X   SKI RESORT  : X   BATHING         : X   VISITOR CENTER  : X   HIGHWAY REST AREA: X
                   OTHER  : X

PWS PLANT:                                SOURCE                                SOURCES        LAST UPDATE DATE: XX/XX/XX
   SOURCE NAME     LATITUDE LONGITUDE    CODE      TREATMENTS -- 1  2  3  4  5  6  7  8  9 10 11 12

1 XXXXXXXXXXXXXXX  XXXXXXX  XXXXXXX        X       AERATION        X  X  X  X  X  X  X  X  X  X  X  X
                                                   PRECHLORINATION X  X  X  X  X  X  X  X  X  X  X  X
                                                   COAGULATION     X  X  X  X  X  X  X  X  X  X  X  X
                                                   SEDIMENTATION   X  X  X  X  X  X  X  X  X  X  X  X
                                                   FILTRATION      X  X  X  X  X  X  X  X  X  X  X  X
                                                   CORROSION CNTRL X  X  X  X  X  X  X  X  X  X  X  X
                                                   SOFTENING       X  X  X  X  X  X  X  X  X  X  X  X
                                                   TASTE ODOR      X  X  X  X  X  X  X  X  X  X  X  X
                                                   IRON REMOVAL    X  X  X  X  X  X  X  X  X  X  X  X
                                                   AMMONIATION     X  X  X  X  X  X  X  X  X  X  X  X
                                                   FLUORIDE ADJUST X  X  X  X  X  X  X  X  X  X  X  X
                                                   DISINFECTION    X  X  X  X  X  X  X  X  X  X  X  X
```

```
        PWSI090                          1 OF 1
                                         11/18/77
   PHF PURGE MODULE
        SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
 EXHIBIT PWSI.306


PWSI090                                          MODEL STATE INFORMATION SYSTEM
                                              PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

DATE XX/XX/XX                                    PUBLIC HISTORY FILE PURGE REPORT                             PAGE ZZZZ9
                                                     PURGE DATE: XX/XX/XX

                                                               DATA
                                          CURRENT REGION  LAST  ELEMENT
PWS-ID            PWS NAME                 UPDATE    DIST UPDATE CTLG.NO       NEW VALUE                      OLD VALUE

XXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XX/XX/XX XX  XX XX/XX/XX   XXX  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

PWSI070 1 of 1
1/12/77

PHF Maintenance Module
SouthWestern Ohio Regional Computer Center

EXHIBIT PWSI.307

```
                                                    MODEL STATE INFORMATION SYSTEM
PWSI070                                        PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

DATE XX/XX/XX                                 PUBLIC WATER SYSTEM INVENTORY UPDATE REPORT                                  PAGE ZZZZ9
                                                        OPTION: XXXXXXXXXXXXXXX ①

                                                                  DATA
                                        CURRENT REGION    LAST    ELEMENT
PWS-ID             PWS NAME              UPDATE     DIST UPDATE  CTLG.NO           NEW VALUE                      OLD VALUE

xxxxxxx xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx xx/xx/xx xx  xx xx/xx/xx    xxx  xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

① X's will be replaced by one of the following:

a. CURRENT UPDATES
b. ALL UPDATES

EXHIBIT NO. PWSI.308

has been intentionally left out.

```
        PWS1010                    1 OF 1
                                   3/2/77
    PWF DATA ENTRY AND UPDATE MODULE
         SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
    EXHIBIT PWSI.309

PWS1010                                   MODEL STATE INFORMATION SYSTEM
                                    PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM
DATE XX/XX/XX                               PWF UPDATE STATISTICS REPORT                                 PAGE ZZZZ9

                                                                         % RELATIVE TO THE
                                                              -- TOTAL --    ORIGINAL FILE
              1. NUMBER OF RECORDS ORIGINALLY ON THE FILE       ZZZ,ZZZ,ZZ9
              2. NUMBER OF ACCEPTABLE DATA ENTRY TRANSACTIONS   ZZZ,ZZZ,ZZ9
              3. NUMBER OF STANDARD ERROR RECORDS CREATED       ZZZ,ZZZ,ZZ9
              4. NUMBER OF RECORDS MODIFIED ON THE FILE         ZZZ,ZZZ,ZZ9         ZZ9 %
              5. NUMBER OF NEW RECORDS ADDED TO THE FILE        ZZZ,ZZZ,ZZ9         ZZ9 %
              6. NUMBER OF DEACTIVATED RECORDS ON THE FILE      ZZZ,ZZZ,ZZ9         ZZ9 %
              7. NUMBER OF RECORDS DEACTIVATED THIS RUN         ZZZ,ZZZ,ZZ9
              8. NUMBER OF RECORDS DELETED THIS RUN             ZZZ,ZZZ,ZZ9         ZZ9 %
              9. NUMBER OF RECORDS NOW ON THE FILE              ZZZ,ZZZ,ZZ9         ZZ9 %
             10. NUMBER OF NEW PWS RECORDS                      ZZZ,ZZZ,ZZ9
             11. NUMBER OF INCOMPLETE PWS RECORDS               ZZZ,ZZZ,ZZ9
             12. NUMBER OF PWS STATUS RECORDS                   ZZZ,ZZZ,ZZ9
             13. NUMBER OF UNSUCCESSFUL UPDATE RECORDS          ZZZ,ZZZ,ZZ9
```

EXHIBIT NO. PWSI.310

has been intentionally left out.

```
               PWS1080                          1 OF 1
                                                12/14/76
PHF SELECTION MODULE
            SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT PWS1.311

                                                    MODEL STATE INFORMATION SYSTEM
PWS1080                                       PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

DATE XX/XX/XX                                    PUBLIC HISTORY FILE SELECTION REPORT                                       PAGE ZZZZ9

                                                                  DATA
                                       CURRENT REGION     LAST   ELEMENT
PWS-ID             PWS NAME             UPDATE     DIST  UPDATE  CTLG.NO          NEW VALUE                      OLD VALUE

XXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XX/XX/XX XX  XX XX/XX/XX   XXX  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

XXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XX/XX/XX XX  XX XX/XX/XX   XXX  XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

```
        PWSI090                   1 of 1
                                  11/18/76
  PHF Purge Modula
              SouthWestern Ohio Regional Computer Center
EXHIBIT PWSI.312

                                        MODEL STATE INFORMATION SYSTEM
                                    PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM
 PWSI090
                                   PUBLIC HISTORY FILE PURGE STATISTICS REPORT                          PAGE ZZZZ9
 DATE XX/XX/XX

                                                                         % RELATIVE TO THE
                                                             -- TOTAL --   ORIGINAL FILE

              1. NUMBER OF RECORDS ORIGINALLY ON THE FILE    ZZZ,ZZZ,ZZ9

              2. NUMBER OF RECORDS PURGED THIS RUN           ZZZ,ZZZ,ZZ9       ZZ9%

              3. NUMBER OF RECORDS NOW ON THE FILE           ZZZ,ZZZ,ZZ9       ZZ9%
```

Binder 24

4/10/78

PWSI125 1 of 1
3/10/77

SouthWestern Ohio Regional Computer Center
Exhibit PWSI.313

```
                                                    MODEL STATE INFORMATION SYSTEM
PWSI125                                         PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM

DATE XX/XX/XX                                            PWF TRANSACTION REPORT                                       PAGE ZZZZ9

                NEW PWS ID  OLD PWS ID  TRANSACTION                                  REMAINDER OF TRANSACTION
                                            CODE

                  XXXXXXX     XXXXXXX        XX        X XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
                  XXXXXXX     XXXXXXX        XX        X XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

PWSI130 1 of 1
1/25/77

PUBLIC WATER TABLE CREATE

SouthWestern Ohio Regional Computer Center

PWSI.314

```
                                   MODEL STATE INFORMATION SYSTEM
PWSI130                        PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM                    PAGE ZZZZ9
DATE XX/XX/XX                   PUBLIC WATER TABLE STATISTICS REPORT

                                                               -- TOTAL --

          1. NUMBER OF RECORDS ON THE PUBLIC WATER FILE           ZZZ,ZZZ,ZZ9

          2. NUMBER OF RECORDS WRITTEN TO THE PUBLIC WATER TABLE  ZZZ,ZZZ,ZZ9
```

Preceding page blank

```
        PWSI125                    1 of 1
                                   9/10/77
            SouthWestern Ohio Regional Computer Center
EXHIBIT PWSI.315


PWSI125                               MODEL STATE INFORMATION SYSTEM
                                    PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM
DATE XX/XX/XX                                                                          PAGE ZZZZ9
                                 Unused PWS ID CONVERSION TRANSACTION REPORT

                                 NEW PWS ID      OLD PWS ID       NATIONAL INVENTORY
                                                                       FILE KEY

                                  XXXXXXX         XXXXXXX          XXXXXXXXXXXXXX

                                  XXXXXXX         XXXXXXX          XXXXXXXXXXXXXX
```

Binder 24
4/10/78

```
        PWSI125                           1 of 1
                                          9/10/77

        SouthWestern Ohio Regional Computer Center
EXHIBIT PWSI.316


                                            MODEL STATE INFORMATION SYSTEM              |
PWSI125                                     PUBLIC WATER SYSTEM INVENTORY SUBSYSTEM     |
                                                                                        |
DATE XX/XX/XX                                 Nonconverted PWF TRANSACTION REPORT       |              PAGE ZZZZ9
                                                                                        |
                                                        REMAINDER OF TRANSACTION        |
                PWS ID    TRANSACTION                                                   |
                              CODE

               XXXXXXX         XX        XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

               XXXXXXX         XX        XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

Binder 24
4/10/78

NOTES

REG9010

MODEL STATE INFORMATION SYSTEM

REG9.100

REGULATIONS SUBSYSTEM

PROCESSING OPTIONS FOR JOB ______________

CARD ID
P R O C
1-4

DATE
M D Y
☐☐☐☐☐☐
5-10

STANDARD ERROR PROCESSING OPTIONS:

☐ Y = YES CREATE A SPECIAL FILE OF ERROR RECORDS
11 N = NO

☐ Y = YES - PRINT ONLY THE DATA ELEMENT FIELDS WHICH WERE IN ERROR - NOT THE ENTIRE RECORD
12 N = NO

PREPARED BY ______________________________ DATE ___/___/___

APPROVED BY ______________________________ DATE ___/___/___

Binder 24
02/28/81

REGS010

MODEL STATE INFORMATION SYSTEM

REGS.101

REGULATIONS SUBSYSTEM

CHEMICAL CONTAMINANT INPUT FORM

CONTAMINANT ID ☐☐☐☐ 1 - 4
REGULATION/LEVEL ☐☐ 5 - 6
CHEMICAL NAME ☐☐☐☐☐☐☐☐☐☐☐ 7 - 17
REASON FOR MONITORING ☐ 18

MCL UNITS ☐☐☐☐☐☐ 19 - 24
MCL ☐☐☐☐☐☐ 25 - 30
MCL DECIMALS ☐ 31
REASONABLE BOUNDS LOWER ☐☐☐☐☐ 32 - 36
REASONABLE BOUNDS DECIMALS ☐ 37
REASONABLE BOUNDS UPPER ☐☐☐☐☐ 38 - 42
REASONABLE BOUNDS DECIMALS ☐ 43
NUMBER OF CHECK SAMPLES REQUIRED IF REGULAR SAMPLE VIOLATES MCL ☐ 44

SEASONAL SAMPLING (ORGANIC ONLY) ☐ 45
SPECIAL COMPUTATION ☐ 46
MAXIMUM TIME TO INITIATE SECOND SAMPLE ANALYSIS IF REGULAR SAMPLE IS IN VIOLATION (NITRATE ONLY) ☐☐ 47 - 48
PERIOD WITHIN WHICH CHECK SAMPLES MUST BE MADE ☐☐ 49 - 50

PWS TYPE OR *POPULATION SIZE	EFFECTIVE DATE M D Y	MONITORING SOURCE TYPE	REQUIREMENTS YEARS TO FIRST SAMPLE	NORMAL SAMPLING FREQUENCY	IF MCL IS VIOLATED SAMPLING FREQUENCY	IF MCL IS VIOLATED MINIMUM NUMBER OF SUCCESS NEGATIVE SAMPLES
COMMUNITY; OR *POP. OF 75,000 OR MORE	☐☐☐☐☐☐ 51 - 56	GROUND:	☐ 57	☐☐☐☐ 58 - 61	☐☐☐☐ 62 - 65	☐☐ 66 - 67
		SURFACE:	☐ 68	☐☐☐☐ 69 - 72	☐☐☐☐ 73 - 76	☐☐ 77 - 78

CARD CODE: C1 79 - 80

DUP 1 - 6

PWS TYPE OR *POPULATION SIZE	EFFECTIVE DATE M D Y	MONITORING SOURCE TYPE	REQUIREMENTS YEARS TO FIRST SAMPLE	NORMAL SAMPLING FREQUENCY	IF MCL IS VIOLATED SAMPLING FREQUENCY	IF MCL IS VIOLATED MINIMUM NUMBER OF SUCCESS NEGATIVE SAMPLES
NON-COMMUNITY; OR *POP. OF 10,000 - 74,999	☐☐☐☐☐☐ 51 - 56	GROUND:	☐ 57	☐☐☐☐ 58 - 61	☐☐☐☐ 62 - 65	☐☐ 66 - 67
		SURFACE:	☐ 68	☐☐☐☐ 69 - 72	☐☐☐☐ 73 - 76	☐☐ 77 - 78

PREPARED BY ______________________________ DATE ___/___/___

APPROVED BY ______________________________ DATE ___/___/___

CARD CODE: C2 79 - 80

* FOR TRIHALOMETHANE (CONT. ID 2950) REGULATION ONLY

RE05010 REGS.102

MODEL STATE INFORMATION SYSTEM

REGULATIONS SUBSYSTEM

TURBIDITY CONTAMINANT INPUT FORM

CONTAMINANT ID 0100 1 - 4	REGULATION/LEVEL ☐☐ 5-6	CONTAMINANT NAME TURBIDITY 7 - 15
MCL FOR MONTHLY AVERAGE ☐☐ 16-17	MCL FOR CONSECUTIVE SAMPLES ☐☐ 18-19	NUMBER OF CONSECUTIVE SAMPLES ☐☐ 20-21
EFFECTIVE DATE M D Y ☐☐☐☐☐☐ 22 - 27	APPLY TO ALL SOURCES ☐ 28	INCLUDE REPEAT SAMPLES IN AVERAGE ☐ 29

FREQUENCY OF MONITORING

COMMUNITY PWS: ☐☐☐ 30-32 NON-COMMUNITY PWS: ☐☐☐ 33-35

MAXIMUM RESAMPLING PERIOD IF MCL EXCEEDED
☐☐
36-37

DECIMAL SIGNIFICANCE FOR CALCULATION IN COMPLIANCE
☐
38

PREPARED BY ____________________ DATE ___/___/___ CARD CODE: T1 79-80

APPROVED BY ____________________ DATE ___/___/___

Binder 24
12/18/78

REG3010 REG3.109

MODEL STATE INFORMATION SYSTEM

REGULATIONS SUBSYSTEM

POPULATION TABLE FOR BACTERIOLOGICAL SAMPLING INPUT FORM

CONTAMINANT ID	REGULATION/LEVEL	TABLE ID
3000	☐☐	1
1 - 4	5-6	7

	POPULATION LOWER LIMIT 8 - 16	POPULATION UPPER LIMIT 17 - 25	MINIMUM SAMPLES PER MONTH 26-28	CARD CODE
DUP	☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐	☐☐☐	DUP
1-7	☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐	☐☐☐	79-80
.	☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐	☐☐☐	.
.	☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐	☐☐☐	.
	8 - 16	17 - 25	26-28	

PREPARED BY ______________________ DATE ___/___/___ CARD CODE: P1 79-80

APPROVED BY ______________________ DATE ___/___/___

Binder 24
12/18/78

REG3010 REG3.104

MODEL STATE INFORMATION SYSTEM

REGULATIONS SUBSYSTEM

BACTERIOLOGICAL CONTAMINANT INPUT FORM

CONTAMINANT ID	REGULATION/LEVEL	CONTAMINANT NAME	EFFECTIVE DATE M D Y
3000 1 - 4	☐☐ 5-6	COLIFORM 7 - 14	☐☐☐☐☐☐ 15 - 20

ANALYSIS METHOD	UNIT	SINGLE SAMPLE MCL	MONTHLY MCL	PERCENT OF SAMPLES	MINIMUM REQUIRED SAMPLES TO USE PERCENT	MCL WHEN PERCENT IS USED	DECIMAL SIGNIFICANCE FOR CALCULATION IN COMPLIANCE
MEMBRANE FILTER	COLIFORM	☐☐ 21-22	☐☐ 23-24	☐☐ 25-26	☐☐ 27-28	☐☐ 29-30	☐ 75
FERMENTATION TUBE 10ML.	POSITIVE TUBES	☐☐ 31-32	☐☐ (X) 33-34	☐☐ 35-36	☐☐ 37-38	☐☐ 39-40	☐ 76
FERMENTATION TUBE 100ML.	POSITIVE TUBES	☐☐ 41-42	☐☐ (X) 43-44	☐☐ 45-46	☐☐ 47-48	☐☐ 49-50	☐ 77

REQUIREMENTS FOR WAIVER OF ONE MONTH SAMPLING	MAXIMUM REQUIRED SAMPLES	SAMPLING PERIOD	CHLORINE RESIDUAL
	☐ 51	☐ 52	☐ 78

CHECK SAMPLING REQUIREMENTS IF SINGLE SAMPLE MCL IS VIOLATED

MINIMUM NUMBER OF CONSECUTIVE DAILY CHECK SAMPLES	MINIMUM NUMBER OF CONSECUTIVE NEGATIVE PORTIONS	MINIMUM NUMBER OF CONSECUTIVE NEGATIVE MEMBRANE FILTERS
☐ 53	☐ 54	☐☐ 55-56

CHLORINE RESIDUAL METHOD NUMBER OF SAMPLES IN LIEU OF ONE REGULAR SAMPLE	MAXIMUM PERCENT OF REGULAR SAMPLES	MINIMUM CHLORINE LEVEL	MAXIMUM TIME TO RETEST CHLORINE LEVEL
☐☐ 57-58	☐☐ 59-60	☐☐ 61-62	☐☐ 63-64

NON-COMMUNITY PWS MONITORING FREQUENCY

EFFECTIVE DATE M D Y	SEASONAL SAMPLING	PERIOD	NUMBER OF SAMPLES PER PERIOD
☐☐☐☐☐☐ 65 - 70	☐ 71	☐ 72	☐☐ 73-74

PREPARED BY ______________________ DATE __/__/__ CARD CODE: M1 79-80

APPROVED BY ______________________ DATE __/__/__

Binder 24
12/18/78

REG3010 | REG3.105

MODEL STATE INFORMATION SYSTEM

REGULATIONS SUBSYSTEM

FLUORIDE MCL TABLE INPUT FORM

CONTAMINANT ID	REGULATION/LEVEL	TABLE ID
1 0 2 5	☐☐	2
1 - 4	5-6	7

TEMPERATURE RANGES AND CORRESPONDING MCL

CARD CODE

	FAHRENHEIT		CELSIUS		MCL		
	LOWER	UPPER	LOWER	UPPER			
	8-10	11-13	14-16	17-19	20 - 25		
DUP	☐☐☐	☐☐☐	☐☐☐	☐☐☐	☐☐☐☐☐☐	DUP	DUP
1-7	☐☐☐	☐☐☐	☐☐☐	☐☐☐	☐☐☐☐☐☐	26-38	79-80
.	☐☐☐	☐☐☐	☐☐☐	☐☐☐	☐☐☐☐☐☐	(BELOW)	..
.	☐☐☐	☐☐☐	☐☐☐	☐☐☐	☐☐☐☐☐☐	.	.
.	☐☐☐	☐☐☐	☐☐☐	☐☐☐	☐☐☐☐☐☐	.	.
.	☐☐☐	☐☐☐	☐☐☐	☐☐☐	☐☐☐☐☐☐	.	.
.	☐☐☐	☐☐☐	☐☐☐	☐☐☐	☐☐☐☐☐☐	.	.
.	☐☐☐	☐☐☐	☐☐☐	☐☐☐	☐☐☐☐☐☐	.	.
.	☐☐☐	☐☐☐	☐☐☐	☐☐☐	☐☐☐☐☐☐	.	.
.	☐☐☐	☐☐☐	☐☐☐	☐☐☐	☐☐☐☐☐☐	.	.
	8-10	11-13	14-16	17-19	20 - 25		

REASONABLE BOUNDS

☐☐☐	☐☐☐	☐☐☐	☐☐☐
26-28	29-31	32-34	35-37

DECIMAL SIGNIFICANCE FOR
CALCULATION IN COMPLIANCE

☐
38

PREPARED BY ______________________ DATE ___/___/___

APPROVED BY ______________________ DATE ___/___/___

CARD CODE: F 1
79-80

Binder 24
12/18/78

REG9010 **REG9.108**

MODEL STATE INFORMATION SYSTEM

REGULATIONS SUBSYSTEM

MAJOR BETA EMITTER TABLE INPUT FORM

REGULATION/LEVEL ☐☐ 5-6

TABLE ID [3] 7

EFFECTIVE DATE M D Y ☐☐☐☐☐☐ 8-13

CONTAMINANT ID 1-4		CONTAMINANT NAME 14-28	ANNUAL CONCENTRATION EQUIVALENT TO MCL DOSE 29-34	DETECTION LIMIT 35-38	NUCLEAR FACILITY CODE (5) 39	40	41	42	43	DECIMAL SIGNIFICANCE FOR CALCULATION IN COMPLIANCE 44	CARD CODE
[4]☐☐☐	DUP	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐	☐	☐	☐	☐	☐	☐ DUP	DUP
[4]☐☐☐	5-13	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐	☐	☐	☐	☐	☐		79-80
[4]☐☐☐	.	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐	☐	☐	☐	☐	☐	.	.
[4]☐☐☐	.	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐	☐	☐	☐	☐	☐	.	.
[4]☐☐☐	.	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐	☐	☐	☐	☐	☐	.	.
[4]☐☐☐	.	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐	☐	☐	☐	☐	☐	.	.
[4]☐☐☐	.	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐	☐	☐	☐	☐	☐	.	.
[4]☐☐☐	.	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐	☐	☐	☐	☐	☐	.	.
[4]☐☐☐	.	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐	☐	☐	☐	☐	☐	.	.
[4]☐☐☐	.	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐	☐	☐	☐	☐	☐	.	.
[4]☐☐☐	.	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐	☐	☐	☐	☐	☐	.	.
[4]☐☐☐	.	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐	☐	☐	☐	☐	☐	.	.
[4]☐☐☐	.	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐	☐	☐	☐	☐	☐	.	.
[4]☐☐☐	.	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐	☐	☐	☐	☐	☐	.	.
[4]☐☐☐	.	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐	☐	☐	☐	☐	☐	.	.
1-4		14-28	29-34	35-38	39	40	41	42	43		

PREPARED BY ______________________ DATE ___/___/___

APPROVED BY ______________________ DATE ___/___/___

CARD CODE: [E][1] 79-80

Binder 24
12/18/78

REG3010 REG3.107

MODEL STATE INFORMATION SYSTEM

REGULATIONS SUBSYSTEM

GROSS ALPHA RADIONUCLIDE CONTAMINANT INPUT FORM

CONTAMINANT ID	REGULATION/LEVEL	CONTAMINANT NAME	EFFECTIVE DATE M D Y
4000	☐☐	GROSS ALPHA	☐☐☐☐☐☐
1-4	5-6	7-17	18-23

MCL AND SCREENING LEVELS		MAXIMUM GROSS ALPHA SCREENING LEVEL		MAXIMUM RADIUM-228 SCREENING LEVEL	
GROSS ALPHA MCL	COMBINED RADIUM MCL	WITHOUT RADIUM-228	WITH RADIUM-228	FOR RADIUM-228	FOR ANNUAL MONITORING
☐☐☐	☐☐☐	☐☐☐	☐☐☐	☐☐☐	☐☐☐
24-26	27-29	30-32	33-35	36-38	39-41

SAMPLING AND ANALYSIS REQUIREMENTS

NUMBER OF CONSECUTIVE QUARTERLY SAMPLES	NORMAL MONITORING FREQUENCY	INITIAL MONITORING PERIOD FOR NEW WATER SOURCE	FRACTION OF MCL AT WHICH TO SUBSTITUTE SINGLE ANNUAL SAMPLE
☐	☐	☐☐	☐☐
42	43	44-45	46-47
MONITORING FREQUENCY IF PWS IS IN VIOLATION	ANNUAL COMPOSITE OR MULTIPLE SAMPLE AVERAGE REQUIRED	THESE REGULATIONS APPLY TO COMMUNITY, NON-COMMUNITY OR BOTH	DECIMAL SIGNIFICANCE FOR CALCULATION IN COMPLIANCE
☐☐	☐	☐	☐
48-49	50	51	52

PREPARED BY ______________________________ DATE __/__/__ CARD CODE: A1 79-80

APPROVED BY ______________________________ DATE __/__/__

REG3010 REG3.100

MODEL STATE INFORMATION SYSTEM

REGULATIONS SUBSYSTEM

GROSS BETA RADIONUCLIDE CONTAMINANT INPUT FORM

CONTAMINANT ID	REGULATION/LEVEL	CONTAMINANT NAME	EFFECTIVE DATE
4100	☐☐	GROSS BETA	☐☐☐☐☐☐
1-4	5-6	7-18	17-22

MCL AND SCREENING LEVELS

MAXIMUM GROSS BETA SCREENING LEVELS

MAN-MADE RADIONUCLIDE ANNUAL MCL DOSAGE	TRITIUM SCREENING LEVEL	STRONTIUM-90 SCREENING LEVEL	FOR MAJOR BETA EMITTERS - NO NUCLEAR FACILITY CONTAMINATION	FOR MAJOR BETA EMITTERS - WATERS CONTAMINATED BY A NUCLEAR FACILITY	FOR STRONTIUM-89 AND CESIUM-134 - WATERS CONTAMINATED BY A NUCLEAR FACILITY
☐▲☐	☐☐☐☐☐	☐☐▲☐	☐☐▲☐	☐☐▲☐	☐☐▲☐
23-24	25-29	30-32	33-35	36-38	39-41

SAMPLING AND ANALYSIS REQUIREMENTS

THESE REGULATIONS APPLY TO COMMUNITY, NON-COMMUNITY OR BOTH	REQUIRE MONITORING OF GROUND WATER SOURCES	COMPOSITE OR SAMPLE AVERAGE REQUIRED	MINIMUM POPULATION FOR REQUIRED ANNUAL MONITORING
☐	☐	☐	☐☐☐☐☐☐
42	43	44	45-50

NO NUCLEAR FACILITY CONTAMINATION

INITIAL NUMBER OF SAMPLES PER YEAR	NORMAL MONITORING FREQUENCY	MONITORING FREQUENCY IF PWS IS IN VIOLATION
☐	☐	☐☐
51	52	53-54

WATERS CONTAMINATED BY A NUCLEAR FACILITY

NUMBER OF SAMPLES PER YEAR		NORMAL MONITORING FREQUENCY		MONITORING FREQUENCY IF PWS IS IN VIOLATION	IODINE-131 CONSECUTIVE DAILY SAMPLES REQUIRED PER QUARTER	DECIMAL SIGNIFICANCE FOR CALCULATION IN COMPLIANCE
IODINE-131	STRONTIUM-90 AND TRITIUM	IODINE-131	STRONTIUM-90 AND TRITIUM			
☐☐	☐☐	☐☐	☐☐	☐☐	☐☐	☐
55-56	57-58	59-60	61-62	63-64	65-66	67

PREPARED BY ______________________ DATE ___/___/___ CARD CODE: 61 79-80

APPROVED BY ______________________ DATE ___/___/___

Binder 24
12/18/78

REG5020 REG5.109

MODEL STATE INFORMATION SYSTEM

REGULATIONS SUBSYSTEM

PROCESSING OPTIONS FOR JOB ____________

CARD ID	DATE M D Y
P R O C	☐☐☐☐☐☐
1-4	5-10

PREPARED BY ______________________________ DATE __/__/__

APPROVED BY ______________________________ DATE __/__/__

REGS010

MODEL STATE INFORMATION SYSTEM

REGS.110

REGULATIONS SUBSYSTEM

EARLY NOTIFICATION TABLE INPUT FORM

REGULATION LEVEL [E][N] 5-6

TABLE ID [4] 7-7

CONTAMINANT-ID 1-4		ANALYSIS METHOD 8-10	LOWER CONTAMINANT LEVEL 11-15	DEC 16-16	BASIC CONTAMINANT LEVEL 17-21	DEC 22-22	UPPER CONTAMINANT LEVEL 23-27	DEC 28-28	CARD CODE 79-80
☐☐☐☐	DUP	☐☐☐	☐☐☐☐☐	☐	☐☐☐☐☐	☐	☐☐☐☐☐	☐	[N][1]
☐☐☐☐	5-7	☐☐☐	☐☐☐☐☐	☐	☐☐☐☐☐	☐	☐☐☐☐☐	☐	DUP
☐☐☐☐	.	☐☐☐	☐☐☐☐☐	☐	☐☐☐☐☐	☐	☐☐☐☐☐	☐	79-80
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PREPARED BY ------------------------------------ DATE ---/---/---

APPROVED BY ------------------------------------ DATE ---/---/---

Binder 24
07/15/82

182.01 (R)

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem

DATE: 9-23-76

EXHIBIT: REGS.200

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 4

RECORD ACCESS KEY:

FILE NAME: Regulations Input File

FILE ID: RGI

RECORD NAME: RGI-CUM1-RECORD

MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-CHM1-RECORD	PAGE: 2 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-CHM1-RECORD	Grp	---	---			1	80
03		RGI-CHM1-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-CHM1-REGU-LEVEL		A/N	X(2)			5	6
03		RGI-CHM1-CONTAM-NAME		A/N	X(11)			7	17
03		RGI-CHM1-REASON-CODE		A/N	X(1)			18	18
03		RGI-CHM1-MCL-DATA	Grp	---	---			19	50
05		RGI-CHM1-MCL-UNITS		A/N	X(6)			19	24
05		RGI-CHM1-MCL		A/N	X(6)			25	30
05		RGI-CHM1-MCL-DECIMALS		A/N	X(1)			31	31
05		RGI-CHM1-MCL-LOW-LIMIT		A/N	X(5)			32	36
05		RGI-CHM1-MCL-LOW-DECIMALS		A/N	X(1)			37	37
05		RGI-CHM1-MCL-HIGH-LIMIT		A/N	X(5)			38	42
05		RGI-CHM1-MCL-HIGH-DECIMALS		A/N	X(1)			43	43
05		RGI-CHM1-MCL-CHECK-SAMPLES		A/N	X(1)			44	44

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-CHM1-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05		RGI-CHM1-MCL-SEASONAL-CODE		A/N	X(1)			45	45
05		RGI-CHM1-MCL-SPECIAL-CODE		A/N	X(1)			46	46
05		RGI-CHM1-MIN-TIME		A/N	X(2)			47	48
05		RGI-CHM1-MCL-CHECK-PERIOD		A/N	X(2)			49	50
03		RGI-CHM1-MONITORING-REQMNTS	Grp	---	---			51	78
05		RGI-CHM1-COMMUNITY-PWS	Grp	---	---			51	78
07		RGI-CHM1-COM-EFFECTIVE-DATE		A/N	X(6)			51	56
07		RGI-CHM1-COM-GROUND-WATER	Grp	---	---			57	67
09		RGI-CHM1-COM-GRD-YRS-FST		A/N	X(1)			57	57
09		RGI-CHM1-COM-GRD-SAMPLE-FREQ		A/N	X(4)			58	61
09		RGI-CHM1-COM-GRD-VIOL-FREQ		A/N	X(4)			62	65
09		RGI-CHM1-COM-GRD-MIN-NEG		A/N	X(2)			66	67
07		RGI-CHM1-COM-SURFACE-WATER	Grp	---	---			68	78
09		RGI-CHM1-COM-SUR-YRS-FST		A/N	X(1)			68	68

MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-CHM1-RECORD	**PAGE:** 4 **OF** 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
09		RGI-CHM1-COM-SUR-SAMPLE-FREQ		A/N	X(4)			69	72
09		RGI-CHM1-COM-SUR-VIOL-FREQ		A/N	X(4)			73	76
09		RGI-CHM1-COM-SUR-MIN-NEG		A/N	X(2)			77	78
03		RGI-CHM1-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Requlations Subsystem

INPUT TO SUBSYSTEM (S) :

Requlations Subsystem

DATE: 9-23-76

EXHIBIT: REGS.201

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY:

FILE NAME: Requlations Input File

FILE ID: RGI

RECORD NAME: RGI-CHM2-RECORD

MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-CHM2-RECORD	**PAGE:** 2 **OF** 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-CHM2-RECORD	Grp	---	---			1	80
03		RGI-CHM2-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-CHM2-REGU-LEVEL		A/N	X(2)			5	6
03		FILLER		A/N	X(44)			7	50
03		RGI-CHM2-MONITORING-REQMNTS	Grp	---	---			51	78
05		RGI-CHM2-NONCOMMUNITY-PWS	Grp	---	---			51	78
07		RGI-CHM2-NCOM-EFFECTIVE-DAT		A/N	X(6)			51	56
07		RGI-CHM2-NCOM-GROUND-WATER	Grp	---				57	67
09		RGI-CHM2-NCOM-GRD-YRS-FST		A/N	X(1)			57	57
09		RGI-CHM2-NCOM-GRD-SAMPLE-FRE		A/N	X(4)			58	61
09		RGI-CHM2-NCOM-GRD-VIOL-FREQ		A/N	X(4)			62	65
09		RGI-CHM2-NCOM-GRD-MIN-NEG		A/N	X(2)			66	67
07		RGI-CHM2-NCOM-SURFACE-WATER	Grp	---	---			68	78
09		RGI-CHM2-NCOM-SUR-YRS-FST		A/N	X(1)			68	68

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	**FILE ID:** RGT	**RECORD NAME:** RGT-CHM2-RECORD	**PAGE:** 3 **OF** 3

FIELD DESCRIPTION

DATA ELEMENT									
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.	DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS FROM	POSITIONS TO
09		RGI-CHM2-NCOM-SUR-SAMPLE-FREQ		A/N	X(4)			69	72
09		RGI-CHM2-NCOM-SUR-VIOL-FREQ		A/N	X(4)			73	76
09		RGI-CHM2-NCOM-SUR-MIN-NEG		A/N	X(2)			77	78
03		RGI-CHM2-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem

DATE: 9-23-76

EXHIBIT: REGS.202

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY:

FILE NAME: Regulations Input File

FILE ID: RGI

RECORD NAME: RGI-TURB-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-TURB-RECORD	**PAGE:** 2 **OF** 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-TURB-RECORD	Grp	---	---			1	80
03		RGI-TURB-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-TURB-REGU-LEVEL		A/N	X(2)			5	6
03		RGI-TURB-CONTAM-NAME		A/N	X(9)			7	15
03		RGI-TURB-MONTHLY-MCL		A/N	X(2)			16	17
03		RGI-TURB-CONSECUTIVE-MCL		A/N	X(2)			18	19
03		RGI-TURB-CONSECUTIVE-SAMPLES		A/N	X(2)			20	21
03		RGI-TURB-EFFECTIVE-DATE		A/N	X(6)			22	27
03		RGI-TURB-ALL-SOURCES		A/N	X(1)			28	28
03		RGI-TURB-REPEAT-INCLUDED		A/N	X(1)			29	29
03		RGI-TURB-MONITORING-REQMNTS	Grp	---	---			30	35
05		RGI-TURB-COM-SAMPLE-FREQ		A/N	X(3)			30	32
05		RGI-TURB-NCOM-SAMPLE-FREQ		A/N	X(3)			33	35
03		RGI-TURB-MIN-RESAMPLING-PERIOD		A/N	X(2)			36	37

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-TURB-RECORD	**PAGE:** 3 **OF** 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		RGI-TURB-DEC-SIGNI		A/N	X(1)			38	38
03		FILLER		A/N	X(40)			39	78
03		RGI-TURB-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:

FILE ID:

RECORD NAME:

PAGE: OF

FIELD DESCRIPTION									
DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem

DATE: 9-23-76

EXHIBIT: REGS.203

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

FILE NAME: Regulations Input File

FILE ID: RGI

RECORD NAME: RGI-BPOP-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGT	RECORD NAME: RGI-BPOP-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-BPOP-RECORD	Grp	---	---			1	80
03		RGI-BPOP-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-BPOP-REGU-LEVEL		A/N	X(2)			5	6
03		RGI-BPOP-TABLE-ID		A/N	X(1)			7	7
03		RGI-BPOP-TABLE-LINE	Grp	---				8	28
05		RGI-BPOP-TBL-FROM-POPULATION		A/N	X(9)			8	16
05		RGI-BPOP-TBL-TO-POPULATION		A/N	X(9)			17	25
05		RGI-BPOP-TBL-SAMPLE-FREQ		A/N	X(3)			26	28
03		FILLER		A/N	X(50)			29	78
03		RGI-BPOP-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Regulations Subsystem

INPUT TO SUBSYSTEM (S) : Regulations Subsystem

DATE: 9-23-76

EXHIBIT: REGS.204

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 5

RECORD ACCESS KEY:

FILE NAME: Regulations Input File

FILE ID: RGI

RECORD NAME: RGI-BACT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Requlations Input File	FILE ID: RGI	RECORD NAME: RGI-BACT-RECORD	PAGE: 2 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-BACT-RECORD	Grp	---	---			1	80
03		RGI-BACT-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-BACT-REGU-LEVEL		A/N	X(2)			5	6
03		RGI-BACT-CONTAM-NAME		A/N	X(8)			7	14
03		RGI-BACT-EFFECTIVE-DATE		A/N	X(6)			15	20
03		RGI-BACT-MEMBRANE-FILTER	Grp	---	---			21	30
05		RGI-BACT-MF-SINGLE-SAMPLE-MCL		A/N	X(2)			21	22
05		RGI-BACT-MF-MONTHLY-MCL		A/N	X(2)			23	24
05		RGI-BACT-MF-PERCENT-SAMPLES		A/N	X(2)			25	26
05		RGI-BACT-MF-MIN-REQD-SAMPLES		A/N	X(2)			27	28
05		RGI-BACT-MF-MCL-FOR-PERCENT		A/N	X(2)			29	30
03		RGI-BACT-FERM-TUBE-TEN-ML	Grp	---	---			31	40
05		RGI-BACT-FT-SINGLE-SAMPLE-MCL		A/N	X(2)			31	32
05		RGI-BACT-FT-MONTHLY-MCL		A/N	X(2)			33	34

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-BACT-RECORD	PAGE: 3 OF 5

FIELD DESCRIPTION

LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.	DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS FROM	POSITIONS TO
05		RGI-BACT-FT-PERCENT-SAMPLES		A/N	X(2)			35	36
05		RGI-BACT-FT-MIN-REQD-SAMPLES		A/N	X(2)			37	38
05		RGI-BACT-FT-MCL-FOR-PERCENT		A/N	X(2)			39	40
03		RGI-BACT-FERM-TUBE-100-ML	Grp	---	---			41	50
05		RGI-BACT-FH-SINGLE-SAMPLE-MCL		A/N	X(2)			41	42
05		RGI-BACT-FH-MONTHLY-MCL		A/N	X(2)			43	44
05		RGI-BACT-FH-PERCENT-SAMPLES		A/N	X(2)			45	46
05		RGI-BACT-FH-MIN-REQD-SAMPLES		A/N	X(2)			47	48
05		RGI-BACT-FH-MCL-FOR-PERCENT		A/N	X(2)			49	50
03		RGI-BACT-REQMNTS-MONTH-WAIVER	Grp	---	---			51	52
05		RGI-BACT-REQMNTS-MAX-SAMPLES		A/N	X(1)			51	51
05		RGI-BACT-REQMNTS-SAMPLE-PERIOD		A/N	X(1)			52	52
03		RGI-BACT-CHECK-SAMPLE-REQMNTS	Grp	---	---			53	56
05		RGI-BACT-CHK-MIN-DAILY-SAMPLES		A/N	X(1)			53	53

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-BACT-RECORD	**PAGE:** 4 **OF** 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05		RGI-BACT-CHK-MIN-NEG-PORTIONS		A/N	X(1)			54	54
05		RGI-BACT-CHK-MIN-COLIFORM-BACT		A/N	X(2)			55	56
03		RGI-BACT-CHLORINE-RES-METHOD	Grp	---	---			57	64
05		RGI-BACT-CHL-SAMPLES-In-LIEU		A/N	X(2)			57	58
05		RGI-BACT-CHL-MAX-PERCENT		A/N	X(2)			59	60
05		RGI-BACT-CHL-MAX-CHLORINE-LVL		A/N	X(2)			61	62
05		RGI-BACT-CHL-MAX-TIME-RETEST		A/N	X(2)			63	64
03		RGI-BACT-NONCOMMUNITY-PWS	Grp	---	---			65	74
05		RGI-BACT-NCOM-EFFECTIVE-DATE		A/N	X(6)			65	70
05		RGI-BACT-NCOM-SEASONAL-CODE		A/N	X(1)			71	71
05		RGI-BACT-NCOM-SAMPLING-PERIOD		A/N	X(1)			72	72
05		RGI-BACT-NCOM-SAMPLE-FREQ		A/N	X(2)			73	74
03		RGI-BACT-DECIMAL-SIGNI	Grp	---	---			75	78
05		RGI-BACT-MF-DEC-SIGNI		A/N	X(1)			75	75

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-BACT-RECORD	**PAGE:** 5 **OF** 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05		RGI-BACT-FT-DEC-SIGNI		A/N	X(1)			76	76
05		RGI-BACT-FH-DEC-SIGNI		A/N	X(1)			77	77
05		RGI-BACT-CHL-DEC-SIGNI		A/N	X(1)			78	78
03		RGI-BACT-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:

FILE ID:

RECORD NAME:

PAGE: **OF**

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
		(This page intentionally left blank.)							

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Regulations Subsystem

INPUT TO SUBSYSTEM (S) : Regulations Subsystem

DATE: 9-23-76

EXHIBIT: REGS.205

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY:

FILE NAME: Regulations Input File

FILE ID: RGI

RECORD NAME: RGI-FLOR-RECORD

MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-FLOR-RECORD	**PAGE:** 2 **OF** 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-FLOR-RECORD	Grp	---	---			1	80
03		RGI-FLOR-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-FLOR-REGU-LEVEL		A/N	X(2)			5	6
03		RGI-FLOR-TABLE-ID		A/N	X(1)			7	7
03		RGI-FLOR-TABLE-LINE	Grp	---	X(17)			8	25
05		RGI-FLOR-TEMP-FAHR-LOW		A/N	X(3)			8	10
05		RGI-FLOR-TEMP-FAHR-HIGH		A/N	X(3)			11	13
05		RGI-FLOR-TEMP-CENT-LOW		A/N	X(3)			14	16
05		RGI-FLOR-TEMP-CENT-HIGH		A/N	X(3)			17	19
05		RGI-FLOR-TEMP-RANGE-MCL		A/N	X(6)			20	25
03		RGI-FLOR-REASONABLE-BOUNDS	Grp	---	---			26	37
05		RGI-FLOR-REAS-FAHR-LOW		A/N	X(3)			26	28
05		RGI-FLOR-REAS-FAHR-HIGH		A/N	X(3)			29	31
05		RGI-FLOR-REAS-CENT-LOW		A/N	X(3)			32	34

Binder 24
12/18/78

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-FLOR-RECORD	**PAGE:** 3 **OF** 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05		RGI-FLOR-REAS-CENT-HIGH		A/N	X(3)			35	37
03		RGI-FLOR-DEC-SIGNI		A/N	X(1)			38	38
03		FILLER		A/N	X(40)			39	78
03		RGI-FLOR-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem

DATE: 9-23-76

EXHIBIT: REGS.206

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

FILE NAME: Regulations Input File

FILE ID: RGI

RECORD NAME: RGI-EMIT-RECORD

Binder 24
12/18/78

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-EMIT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-EMIT-RECORD	Grp	—	—			1	80
03		RGI-EMIT-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-EMIT-REGU-LEVEL		A/N	X(2)			5	6
03		RGI-EMIT-TABLE-ID		A/N	X(1)			7	7
03		RGI-EMIT-EFFECTIVE-DATA		A/N	X(6)			8	13
03		RGI-EMIT-CONTAM-NAME		A/N	X(15)			14	28
03		RGI-EMIT-ANNUAL-CONCENT-EQUIV		A/N	X(6)			29	34
03		RGI-EMIT-DETECTION-LIMIT		A/N	X(4)			35	38
05		RGI-EMIT-NUCL-POWER-PLANT	GRP					39	43
05		RGI-EMIT-NUCL-POWER-PLANT-CODE		A/N	X(1)	5		39	43
03		RGI-EMIT-DEC-SIGNI		A/N	X(1)			44	44
03		FILLER		A/N	X(34)			45	78
03		RGI-EMIT-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Regulations Subsystem

INPUT TO SUBSYSTEM (S) : Regulations Subsystem

DATE: 9-23-76

EXHIBIT: REGS.207

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY:

FILE NAME: Regulations Input File

FILE ID: RGI

RECORD NAME: RGI-ALFA-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-ALFA-RECORD	**PAGE:** 2 **OF** 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-ALFA-RECORD	Grp	---	---			1	80
03		RGI-ALFA-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-ALFA-REGU-LEVEL		A/N	X(2)			5	6
03		RGI-ALFA-CONTAM-NAME		A/N	X(11)			7	17
03		RGI-ALFA-EFFECTIVE-DATE		A/N	X(6)			18	23
03		RGI-ALFA-MCL-SCREENING-LEVELS	Grp	---	---			24	41
05		RGI-ALFA-MCL-GROSS-ALPHA		A/N	X(3)			24	26
05		RGI-ALFA-MCL-COMBINED-RADIUM		A/N	X(3)			27	29
05		RGI-ALFA-MAX-GROSS-A-SCREENING	Grp	---	---			30	35
07		RGI-ALFA-MAX-GA-WITHOUT-R228		A/N	X(3)			30	32
07		RGI-ALFA-MAX-GA-WITH-R228		A/N	X(3)			33	35
05		RGI-ALFA-MAX-RADIUM226-SCREEN	Grp	---	---			36	41
07		RGI-ALFA-MAX-R226-FOR-R228		A/N	X(3)			36	38
07		RGI-ALFA-MAX-R226-ANNUAL-MONIT		A/N	X(3)			39	41

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	**FILE ID:** RGT	**RECORD NAME:** RGT-ALFA-RECORD	**PAGE:** 3 **OF** 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		RGI-ALFA-SAMPLING-REQUIREMENTS	Grp	---	---			42	52
05		RGI-ALFA-NUM-SAMPLES-PER-YEAR		A/N	X(1)			42	42
05		RGI-ALFA-MIN-NORM-MONITOR-FREQ		A/N	X(1)			43	43
05		RGI-ALFA-INITL-MONITOR-PERIOD		A/N	X(2)			44	45
05		RGI-ALFA-FRACTION-MCL-SUBSTITU		A/N	X(2)			46	47
05		RGI-ALFA-MIN-VIOL-MONITOR-FREQ		A/N	X(2)			48	49
05		RGI-ALFA-ANNUAL-COMP-4-SAMPLE		A/N	X(1)			50	50
05		RGI-ALFA-COM-NONCOMM-BOTH		A/N	X(1)			51	51
03		RGI-ALFA-DEC-SIGNI		A/N	X(1)			52	52
03		FILLER		A/N	X(26)			53	78
03		RGI-ALFA-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Regulations Subsystem

INPUT TO SUBSYSTEM (S) : Regulations Subsystem

DATE: 9-23-76

EXHIBIT: RGCS.208

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 4

RECORD ACCESS KEY:

FILE NAME: Regulations Input File

FILE ID: RGI

RECORD NAME: RGI-BETA-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-BETA-RECORD	**PAGE:** 2 **OF** 1

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-BETA-RECORD	Grp	---	---			1	80
03		RGI-BETA-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-BETA-REGU-LEVEL		A/N	X(2)			5	6
03		RGI-BETA-CONTAM-NAME		A/N	X(10)			7	16
03		RGI-BETA-EFFECTIVE-DATE		A/N	X(6)			17	22
03		RGI-BETA-MCL-SCREENING-LEVELS	Grp	---	---			23	32
05		RGI-BETA-MCL-ANNUAL-DOSAGE		A/N	X(2)			23	24
05		RGI-BETA-TRITIUM-SCREENING		A/N	X(5)			25	29
05		RGI-BETA-STRONTIUM90-SCREENING		A/N	X(3)			30	32
05		RGI-BETA-MAX-GROSS-B-SCREENING	Grp	---	---			33	41
07		RGI-BETA-MAJ-BETA-EM-NO-NUCL		A/N	X(3)			33	35
07		RGI-BETA-MAJ-BETA-EM-CON-NUCL		A/N	X(3)			36	38
07		RGI-BETA-STRON89-CES134-CON-NU		A/N	X(3)			38	41
05		RGI-BETA-SAMPLING-REQUIREMENTS	Grp	---	---			42	50

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-BETA-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
07		RGI-BETA-COM-NONCOMM-BOTH		A/N	X(1)			42	42
07		RGI-BETA-MONIT-GRD-WTR-REQD		A/N	X(1)			43	43
07		RGI-BETA-AVERAGE-COMPOS-SAMPLE		A/N	X(1)			44	44
07		RGI-BETA-MIN-POPULATION-ANNUAL		A/N	X(6)			45	50
07		RGI-BETA-NO-NUCLEAR-FACILITY	Grp	---	---			51	54
09		RGI-BETA-N-NUM-SAMPLES-YEAR		A/N	X(1)			51	51
09		RGI-BETA-N-NORM-MONIT-FREQ		A/N	X(1)			52	52
09		RGI-BETA-N-VIOL-MONIT-FREQ		A/N	X(2)			53	54
07		RGI-BETA-CONTAM-NUCL-FACILITY	Grp	---	---			55	66
09		RGI-BETA-C-NUM-IODINE-SAMPLES		A/N	X(2)			55	56
09		RGI-BETA-C-NUM-STRONT-SAMPLES		A/N	X(2)			57	58
09		RGI-BETA-C-IODINE-MONIT-FREQ		A/N	X(2)			59	60
09		RGI-BETA-STRONT-MONIT-FREQ		A/N	X(2)			61	62
09		RGI-BETA-C-VIOL-MONIT-FREQ		A/N	X(2)			63	64

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-BETA-RECORD	**PAGE:** 4 **OF** 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
09		RGI-BETA-C-IODINE131-CONS-SPLS		A/N	X(2)			65	66
03		RGI-BETA-DEC-SIGNI		A/N	X(1)			67	67
03		FILLER		A/N	X(11)			68	78
03		RGI-BETA-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 2/15/77

EXHIBIT: REGS.209

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

INPUT TO SUBSYSTEM (S) : Regulations

RECORD ACCESS KEY: RGI-PROC-ID

FILE NAME: Regulations Input File

FILE ID: RGI

RECORD NAME: RGI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	FILE ID: RGI	RECORD NAME: RGI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-PROC-RECORD	GRP					1	80
03		RGI-PROC-ID		A/N	X(4)			1	4
03		RGI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(70)			11	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem

DATE: 9-23-76

EXHIBIT: REGS.210

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

FILE NAME: Regulations Input File

FILE ID: RGI

RECORD NAME: RGI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations Input File	**FILE ID:** RGI	**RECORD NAME:** RGI-PROC-RECORD	**PAGE:** 2 **OF** 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-PROC-RECORD	Grp		---			1	80
03		RGI-PROC-ID		A/N	X(4)			1	4
03		RGI-PROC-DATE		A/N	X(6)			5	10
03		RGI-PROC-OUTPUT		A/N	X(1)			11	11
03		RGI-PROC-FIELD-SELECT		A/N	X(1)			12	12
03		FILLER		A/N	X(68)			13	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) :
Regulations

DATE:

EXHIBIT: REGS.211

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY:

FILE NAME: Input Transactions

FILE ID: RGI

RECORD NAME: RGI-ENT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: RGI	RECORD NAME: RGI-ENT-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGI-ENT-RECORD	GRP	---	---			1	80
03		RGI-ENT-CONTAMINANT-ID		A/N	X(4)			1	4
03		RGI-ENT-REG-LEVEL		A/N	X(2)			5	6
03		RGI-ENT-TABLE-ID		A/N	X(1)			7	7
03		RGI-ENT-ANALYSIS-METHOD		A/N	X(3)			8	10
03		RGI-ENT-CONTAM-LOW	GRP	---	---			11	16
05		RGI-ENT-CL-LEVEL		A/N	X(5)			11	15
05		RGI-ENT-CL-DECIMALS		A/N	X(1)			16	16
03		RGI-ENT-CONTAM-BASIC	GRP	---	---			17	22
05		RGI-ENT-CB-LEVEL		A/N	X(5)			17	21
05		RGI-ENT-CB-DECIMALS		A/N	X(1)			22	22
03		RGI-ENT-CONTAM-HIGH	GRP	---	---			23	28
05		RGI-ENT-CH-LEVEL		A/N	X(5)			23	27
05		RGI-ENT-CH-DECIMALS		A/N	X(1)			28	28

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07/15/82

219.002
(R)

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: RGI	RECORD NAME: RGI-ENT-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		Filler		A/N	X(50)			29	78
03		RGI-ENT-CARD-CODE		A/N	X(2)			79	80

EXHIBIT NO.'s REGS.212 through 249
have been intentionnly left out.

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem
Water Quality Compliance

DATE: 9-23-76

EXHIBIT: REGS.250

RECORD TYPE: Fixed

RECORD SIZE: 108

PAGE: 1 OF 5

RECORD ACCESS KEY:

RG-C-CONID
RG-C-RGLVL

FILE NAME: Regulations File

FILE ID: RGF

RECORD NAME: RGF-CHEM-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-CHEM-RECORD	PAGE: 2 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-CHEM-RECORD	Grp					1	108
03		RGF-CHEM-KEY	Grp					1	6
05	RG-CONID	RGF-CHEM-CONTAMINANT-ID	041*	A/N	X(4)			1	4
05	RG-C-RGLVL	RGF-CHEM-REGU-LEVEL	042	A/N	X(2)			5	6
03	RG-C-CONAM	RGF-CHEM-CONTAM-NAME	043	A/N	X(15)			7	21
03	RG-C-RSNCD	RGF-CHEM-REASON-CODE	044	A/N	X(1)			22	22
03		RGF-CHEM-MCL-DATA	Grp					23	54
05	RG-C-MCLUN	RGF-CHEM-MCL-UNITS	045	A/N	X(6)			23	28
05	RG-C-MCL	RGF-CHEM-MCL	046	N	9(6)			29	34
05	RG-C-MCLDC	RGF-CHEM-MCL-DECIMALS	047	N	9(1)			35	35
05	RG-C-MCLOW	RGF-CHEM-MCL-LOW-LIMIT	048	N	9(5)			36	40
05	RG-C-MCLOD	RGF-CHEM-MCL-LOW-DECIMALS	049	N	9(1)			41	41
05	RG-C-MCLHI	RGF-CHEM-MCL-HIGH-LIMIT	050	N	9(5)			42	46
05	RG-C-MCLHD	RGF-CHEM-MCL-HIGH-DECIMALS	051	N	9(1)			47	47

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-CHEM-RECORD	PAGE: 3 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	RG-C-CKSAM	RGF-CHEM-MCL-CHECK-SAMPLES	052	N	9(1)			48	48
05	RG-C-SEACD	RGF-CHEM-MCL-SEASONAL-CODE	053	A/N	X(1)			49	49
05	RG-C-SPECD	RGF-CHEM-MCL-SPECIAL-CODE	054	A/N	X(1)			50	50
05	RG-C-MINTM	RGF-CHEM-MCL-MAX-TIME	055	N	9(2)			51	52
05	RG-C-CHKPD	RGF-CHEM-MCL-CHECK-PERIOD	056	N	9(2)			53	54
03		RGF-CHEM-MONITORING-REQMNTS	Grp					55	108
05		RGF-CHEM-COMMUNITY-PWS	Grp					55	81
07	RG-C-CEFDT	RGF-CHEM-COM-EFFECTIVE-DATE	057	N	9(5)			55	59
07		RGF-CHEM-COM-GROUND-WATER	Grp					60	70
09	RG-C-CGRYR	RGF-CHEM-COM-GRD-YRS-FST	058	N	9(1)			60	60
09	RG-C-CGSPF	RGF-CHEM-COM-GRD-SAMPLE-FREQ	059	N	9(4)			61	64
09	RG-C-CGVFQ	RGF-CHEM-COM-GRD-VIOL-FREQ	060	N	9(4)			65	68
09	RG-C-CGMNG	RGF-CHEM-COM-GRD-MIN-NEG	061	N	9(2)			69	70
07		RGF-CHEM-COM-SURFACE-WATER	Grp					71	81

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-CHEM-RECORD	PAGE: 4 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
09	RG-C-CSRYR	RGF-CHEM-COM-SUR-YRS-FST	062	N	9(1)			71	71
09	RG-C-CSSPF	RGF-CHEM-COM-SUR-SAMPLE-FREQ	063	N	9(4)			72	75
09	RG-C-CSVFQ	RGF-CHEM-COM-SUR-VIOL-FREQ	064	N	9(4)			76	79
09	RG-C-CSMNG	RGF-CHEM-COM-SUR-MIN-NEG	065	N	9(2)			80	81
05		RGF-CHEM-NONCOMMUNITY-PWS	Grp					82	108
07	RG-C-NEFDT	RGF-CHEM-NCOM-EFFECTIVE-DATE	066	N	9(5)			82	86
07		RGF-CHEM-NCOM-GROUND-WATER	Grp					87	97
09	RG-C-NGRYR	RGF-CHEM-NCOM-GRD-YRS-FST	067	N	9(1)			87	87
09	RG-C-NGSPF	RGF-CHEM-NCOM-GRD-SAMPLE-FREQ	068	N	9(4)			88	91
09	RG-C-NGVFQ	RGF-CHEM-NCOM-GRD-VIOL-FREQ	069	N	9(4)			92	95
09	RG-C-NGMNG	RGF-CHEM-NCOM-GRD-MIN-NEG	070	N	9(2)			96	97
07		RGF-CHEM-NCOM-SURFACE-WATER	Grp					98	108
09	RG-C-NSRYR	RGF-CHEM-NCOM-SUR-YRS-FST	071	N	9(1)			98	98
09	RG-C-NSSPF	RGF-CHEM-NCOM-SUR-SAMPLE-FREQ	072	N	9(4)			99	102

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-CHEM-RECORD	PAGE: 5 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
09	RG-C-NSVFQ	RGF-CHEM-NCOM-SUR-VIOL-FREQ	073	N	9(4)			103	106
09	RG-C-NSMNG	RGF-CHEM-NCOM-SUR-MIN-NEG	074	N	9(2)			107	108

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION									
DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem
Water Quality Compliance

DATE: 9-23-76

EXHIBIT: REGS.251

RECORD TYPE: Fixed

RECORD SIZE: 108

PAGE: 1 OF 3

RECORD ACCESS KEY:

RG-T-CONID
RG-T-RGLVL

FILE NAME: Regulations File

FILE ID: RGF

RECORD NAME: RGF-TURB-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RFG	RECORD NAME: RGF-TURB-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION									
DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-TURB-RECORD	Grp					1	108
03		RGF-TURB-KEY	Grp					1	6
05	RG-CONID	RGF-TURB-CONTAMINANT-ID	133*	A/N	X(4)			1	4
05	RG-T-RGLVL	RGF-TURB-REGU-LEVEL	134	A/N	X(2)			5	6
03	RG-T-CONAM	RGF-TURB-CONTAM-NAME	135	A/N	X(15)			7	21
03	RG-T-MOMCL	RGF-TURB-MONTHLY-MCL	136	N	9V9			22	23
03	RG-T-CNMCL	RGF-TURB-CONSECUTIVE-MCL	137	N	9V9			24	25
03	RG-T-CNSPL	RGF-TURB-CONSECUTIVE-SAMPLES	138	N	9(2)			26	27
03	RG-T-EFFDT	RGF-TURB-EFFECTIVE-DATE	139	N	9(5)			28	32
03	RG-T-ALLSR	RGF-TURB-ALL-SOURCES	140	A/N	X(1)			33	33
03	RG-T-RPTIN	RGF-TURB-REPEAT-INCLUDED	141	A/N	X(1)			34	34
03		RGF-TURB-MONITORING-REQMNTS	Grp					35	40
05		RGF-TURB-COMMUNITY-PWS	Grp					35	37
07	RG-T-CSPFQ	RGF-TURB-COM-SAMPLE-FREQ	142	N	9(3)			35	37

*See Data Element Dictionary: Appendix A

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-TURB-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05		RGF-TURB-NONCOMMUNITY-PWS	Grp					38	42
07	RG-T-NSPFQ	RGF-TURB-NCOM-SAMPLE-FREQ	143	N	9(3)			38	48
03	RG-T-MRSPL	RGF-TURB-MAX-RESAMPLING-PERIOD	144	N	9(2)			41	42
03	RG-T-DEC-S	RGF-TURB-DEC-SIGNI	758	N	9(1)			43	43
03		FILLER		A/N	X(65)			44	108

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

DATE: 9-23-76

EXHIBIT: REGS.252

RECORD TYPE: Fixed

RECORD SIZE: 108

PAGE: 1 OF 2

RECORD ACCESS KEY:

RG-P-CONID
RG-P-RGLVL

FILE NAME: Regulations File

FILE ID: RGF

RECORD NAME: RGF-BPOP-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	**FILE ID:** RGF	**RECORD NAME:** RGF-BPOP-RECORD	**PAGE:** 2 **OF** 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-BPOP-RECORD	Grp					1	108
03	RGF-BPOP-KEY		Grp					1	6
05	RG-CONID	RGF-BPOP-CONTAMINANT-ID	127*	A/N	X(4)			1	4
05	RG-P-RGLVL	RGF-BPOP-REGU-LEVEL	128	A/N	X(2)			5	6
03	RG-P-TBLID	RGF-BPOP-TABLE-ID	129	A/N	X(1)			7	7
03		RGF-BPOP-TABLE-LINE	Grp					8	28
05	RG-P-T-FRM	RGF-BPOP-TBL-FROM-POPULATION	130	N	9(9)			8	16
05	RG-P-T-TOP	RGF-BPOP-TBL-TO-POPULATION	131	N	9(9)			17	25
05	RG-P-T-FRQ	RGF-BPOP-TBL-SAMPLE-FREQ	132	N	9(3)			26	28
03		FILLER		A/N	X(80)			29	108

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem
Water Quality Compliance

DATE: 9-23-76

EXHIBIT: REGS.253

RECORD TYPE: Fixed

RECORD SIZE: 108

PAGE: 1 OF, 5

RECORD ACCESS KEY:

RE-M-CONID
RG-M-RGLVL

FILE NAME: Regulations File

FILE ID: RGF

RECORD NAME: RGF-BACT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID:RGF	RECORD NAME: RGF-BACT-RECORD	PAGE: 2 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-BACT-RECORD	Grp					1	108
03		RGF-BACT-KEY	Grp					1	6
05	RG-CONID	RGF-BACT-CONTAMINANT-ID	095*	A/N	X(4)			1	4
05	RG-M-RGLVL	RGF-BACT-REGU-LEVEL	096	A/N	X(2)			5	6
03	RG-M-CONAM	RGF-BACT-CONTAM-NAME	097	A/N	X(15)			7	21
03	RG-M-EFFDT	RGF-BACT-EFFECTIVE-DATE	098	N	9(5)			22	26
03		RGF-BACT-MEMBRANE-FILTER	Grp					27	36
05	RG-M-MF-SM	RGF-BACT-MF-SINGLE-SAMPLE-MCL	099	N	9(2)			27	28
05	RG-M-MF-MT	RGF-BACT-MF-MONTHLY-MCL	100	N	9(2)			29	30
05	RG-M-MF-PS	RGF-BACT-MF-PERCENT-SAMPLES	101	N	9(2)			31	32
05	RG-M-MF-MR	RGF-BACT-MF-MIN-REQD-SAMPLES	102	N	9(2)			33	34
05	RG-M-MF-MC	RGF-BACT-MF-MCL-FOR-PERCENT	103	N	9(2)			35	36
03		RGF-BACT-FERM-TUBE-TEN-ML	Grp					37	46
05	RG-M-FT-SM	RGF-BACT-FT-SINGLE-SAMPLE-MCL	104	N	9(2)			37	38

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-BACT-RECORD	PAGE: 3 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	RG-M-FT-MT	RGF-BACT-FT-MONTHLY-MCL	105	N	9(2)			39	40
05	RG-M-FT-PS	RGF-BACT-FT-PERCENT-SAMPLES	106	N	9(2)			41	43
05	RG-M-FT-MR	RGF-BACT-FT-MIN-REQD-SAMPLES	107	N	9(2)			43	44
05	RG-M-FT-MC	RGF-BACT-FT-MCL-FOR-PERCENT	108	N	9(2)			45	46
03		RGF-BACT-FERM-TUBE-100-ML	Grp					47	56
05	RG-M-FH-SM	RGF-BACT-FH-SINGLE-SAMPLE-MCL	109	N	9(2)			47	48
05	RG-M-FH-MT	RGF-BACT-FH-MONTHLY-MCL	110	N	9(2)			49	50
05	RG-M-FH-PS	RGF-BACT-FH-PERCENT-SAMPLES	111	N	9(2)			51	52
05	RG-M-FH-MR	RGF-BACT-FH-MIN-REQD-SAMPLES	112	N	9(2)			53	54
05	RG-M-FH-MC	RGF-BACT-FH-MCL-FOR-PERCENT	113	N	9(2)			55	56
03		RGF-BACT-REQMNTS-MONTH-WAIVER	Grp					57	58
05	RG-M-ROMAX	RGF-BACT-REQMNTS-MAX-SAMPLES	114	N	9(1)			57	57
05	RG-M-RQSPD	RGF-BACT-REQMNTS-SAMPLE-PERIOD	115	N	9(1)			58	58

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	**FILE ID:** RGF	**RECORD NAME:** RGF-BACT-RECORD	**PAGE:** 4 **OF** 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		RGF-BACT-CHECK-SAMPLE-REQMNTS	Grp					59	62
05	RG-M-CKCDS	RGF-BACT-CHK-MIN-DAILY-SAMPLES	116	N	9(1)			59	59
05	RG-M-CKMNP	RGF-BACT-CHK-MIN-NEG-PORTIONS	117	N	9(1)			60	60
05	RG-M-CKMCB	RGF-BACT-CHK-MIN-MEMBRANE-FILT	118	N	9(2)			61	62
03		RGF-BACT-CHLORINE-RES-METHOD	Grp					63	70
05	RG-M-C-LEU	RGF-BACT-CHL-SAMPLES-IN-LIEU	119	N	9(2)			63	64
05	RG-M-C-MXP	RGF-BACT-CHL-MAX-PERCENT	120	N	9(2)			65	66
05	RG-M-C-MCL	RGF-BACT-CHL-MIN-CHLORINE-LVL	121	N	V99			67	68
05	RG-M-C-MXT	RGF-BACT-CHL-MAX-TIME-RETEST	122	N	9(2)			69	70
03		RGF-BACT-NONCOMMUNITY-PWS	Grp					71	79
05	RG-M-NEFDT	RGF-BACT-NCOM-EFFECTIVE-DATE	123	N	9(5)			71	75
05	RG-M-NSEAS	RGF-BACT-NCOM-SEASONAL-CODE	124	A/N	X(1)			76	76
05	RG-M-NPERD	RGF-BACT-NCOM-SAMPLING-PERIOD	125	A/N	X(1)			77	77
05	RG-M-NSPFQ	RGF-BACT-NCOM-SAMPLE-FREQ	126	N	9(2)			78	79

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Requlations File	FILE ID: RGF	RECORD NAME: RGF-BACT-RECORD	PAGE: 5 OF 5

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		RGF-BACT-DEC-SIGNI	Grp					80	83
05	RG-M-MF-DS	RGF-BACT-MF-DEC-SIGNI	754	N	9(1)			80	80
05	RG-M-FT-DS	RGF-BACT-FT-DEC-SIGNI	755	N	9(1)			81	81
05	RG-M-FH-DS	RGF-BACT-FH-DEC-SIGNI	756	N	9(1)			82	82
05	RG-M-C-DEC	RGF-BACT-CHL-DEC-SIGNI	757	N	9(1)			83	83
03		FILLER		A/N	X(25)			84	108

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem
Water Quality Compliance

DATE: 9-23-76

EXHIBIT: REGS.254

RECORD TYPE: Fixed

RECORD SIZE: 108

PAGE: 1 OF 3

RECORD ACCESS KEY:

RG-F-CONID
RG-F-RGLVL

FILE NAME: Regulations File

FILE ID: RGF

RECORD NAME: RGF-FLOR-RECORD

MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-FLOR-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-FLOR-RECORD	Grp					1	108
03		RGF-FLOR-KEY	Grp					1	6
05	RG-CONID	RGF-FLOR-CONTAMINANT-ID	083*	A/N	X(4)			1	4
05	RG-F-RGLVL	RGF-FLOR-REGU-LEVEL	084	A/N	X(2)			5	6
03	RG-F-TBLID	RGF-FLOR-TABLE-ID	085	A/N	X(1)			7	7
03		RGF-FLOR-TABLE-LINE	Grp					8	25
05		RGF-FLOR-TEMP-RANGE-FAHRENHEIT	Grp					8	13
07	RG-F-TRFLO	RGF-FLOR-TEMP-FAHR-LOW	086	N	9(2)V9			8	10
07	RG-F-TRFHI	RGF-FLOR-TEMP-FAHR-HIGH	087	N	9(2)V9			11	13
05		RGF-FLOR-TEMP-RANGE-CENTIGRADE	Grp					14	19
07	RG-G-TRCLO	RGF-FLOR-TEMP-CENT-LOW	088	N	9(2)V9			14	16
07	RG-F-TRCHI	RGF-FLOR-TEMP-CENT-HIGH	089	N	9(2)V9			17	19
05	RG-F-TRMCL	RGF-FLOR-TEMP-RANGE-MCL	090	N	9(4)V99			20	25
03		RGF-FLOR-REASONABLE-BOUNDS	Grp					26	37

*See Data Element Dictionary: Appendix A

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-FLOR-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	RG-F-RBFLO	RGF-FLOR-REAS-FAHR-LOW	091	N	9(2)V9			26	28
05	RG-F-RBFHI	RGF-FLOR-REAS-FAHR-HIGH	092	N	9(2)V9			29	31
05	RG-F-RBCLO	RGF-FLOR-REAS-CENT-LOW	093	N	9(2)V9			32	34
05	RG-F-RBCHI	RGF-FLOR-REAS-CENT-HIGH	094	N	9(2)V9			35	37
03	RG-F-DEC-S	RGF-FLOR-DEC-SIGNI	753	N	9(1)			38	38
03		FILLER		A/N	X(70)			39	108

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

DATE: 9-23-76

EXHIBIT: REGS.255

RECORD TYPE: Fixed

RECORD SIZE: 108

PAGE: 1 OF 2

RECORD ACCESS KEY:

RG-E-CONID
RG-E-RGLVL

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem
Water Quality Compliance

FILE NAME: Regulations File

FILE ID: RGF

RECORD NAME: RGF-EMIT-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-EMIT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-EMIT-RECORD	Grp					1	108
03		RGF-EMIT-KEY	Grp					1	6
05	RG-CONID	RGF-EMIT-CONTAMINANT-ID	075*	A/N	X(4)			1	4
05	RG-E-RGLVL	RGF-EMIT-REGU-LEVEL	076	A/N	X(2)			5	6
03	RG-E-TBLID	RGF-EMIT-TABLE-ID	077	A/N	X(1)			7	7
03	RG-E-EFFDT	RGF-EMIT-EFFECTIVE-DATE	078	N	9(5)			8	12
03	RG-E-CONAM	RGF-EMIT-CONTAM-NAME	079	A/N	X(15)			13	27
03	RG-E-ANCON	RGF-EMIT-ANNUAL-CONCENT-EQUIV	080	N	9(5)V9			28	33
03	RG-E-DETLM	RGF-EMIT-DETECTION-LIMIT	081	N	9(4)			34	37
03		RGF-EMIT-NUCL-FACILITIES	Grp					38	42
05	RG-E-NPPCD	RGF-EMIT-NUCL-FACILITY-CODE	082*	A/N	X(1)	5		38	42
03	RG-E-DEC-S	RGF-EMIT-DEC-SIGNI	752	N	9(1)			43	43
03		FILLER		A/N	X(65)			44	108

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem
Water Quality Compliance

DATE: 9-23-76

EXHIBIT: REGS.256

RECORD TYPE: Fixed

RECORD SIZE: 108

PAGE: 1 OF 3

RECORD ACCESS KEY:

RG-A-CONID
RG-A-RGLVL

FILE NAME: Regulations File

FILE ID: RGF

RECORD NAME: RGF-ALFA-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	**FILE ID:** RGF	**RECORD NAME:** RGF-ALFA-RECORD	**PAGE:** 2 **OF** 3

FIELD DESCRIPTION									
DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-ALFA-RECORD	Grp					1	108
03		RGF-ALFA-KEY	Grp					1	6
05	RG-CONID	RGF-ALFA-CONTAMINANT-ID	001	A/N	X(4)			1	4
05	RG-A-RGLVL	RGF-ALFA-REGU-LEVEL	002	A/N	X(2)			5	6
03	RG-A-CONAM	RGF-ALFA-CONTAM-NAME	003	A/N	X(15)			7	21
03	RG-A-EFFDT	RGF-ALFA-EFFECTIVE-DATE	004	N	9(5)			22	26
03		RGF-ALFA-SCREENING-LEVELS	Grp					27	44
05	RG-A-M-GRA	RGF-ALFA-MCL-GROSS-ALPHA	005	N	9(2)V9			27	29
05	RG-A-M-CMR	RGF-ALFA-MCL-COMBINED-RADIUM	006	N	9(2)V9			30	32
05		RGF-ALFA-MAX-GROSS-A-SCREENING	Grp					33	38
07	RG-A-GAOR8	RGF-ALFA-MAX-GA-WITHOUT-R228	007	N	9(2)V9			33	35
07	RG-A-GAIR8	RGF-ALFA-MAX-GA-WITH-R228	008	N	9(2)V9			36	38
05		RGF-ALFA-MAX-RADIUM-226-SCREEN	Grp					39	44
07	RG-A-R6FR8	RGF-ALFA-MAX-R226-FOR-R228	009	N	9(2)V9			39	41

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-ALFA-RECORD	PAGE 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
07	RG-A-R6ANM	RGF-ALFA-MAX -R226-ANNUAL-MONIT	010	N	9(2)V9			42	44
03		RGF-ALFA-SAMPLING-REQUIREMENTS	Grp					45	55
05	RG-A-NUMSP	RGF-ALFA-NUM-SAMPLES-PER-YEAR	011	N	9(1)			45	45
05	RG-A-MINFQ	RGF-ALFA-MIN-NORM-MONITOR-FREQ	012	N	9(1)			46	46
05	RG-A-INIPD	RGF-ALFA-INITL-MONITOR-PERIOD	013	N	9(2)			47	48
05	RG-A-FRACT	RGF-ALFA-FRACTION-MCL-SUBSTITU	014	N	V9(2)			49	50
05	RG-A-MINVF	RGF-ALFA-MIN-VIOL-MONITOR-FREQ	015	N	9(2)			51	52
05	RG-A-AC4SP	RGF-ALFA-ANNUAL-COMP-4-SAMPLE	016	A/N	X(1)			53	53
05	RG-A-CNCOB	RGF-ALFA-COM-NONCOMM-BOTH	017	A/N	X(1)			54	54
03	RG-A-DEC-S	RGF-ALFA-DEC-SIGNI	750	N	9(1)			55	55
03		FILLER		A/N	X(53)			56	108

MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Regulations Subsystem

INPUT TO SUBSYSTEM (S) :

Regulations Subsystem
Water Quality Compliance

DATE: 9-23-76

EXHIBIT: REGS.257

RECORD TYPE: Fixed

RECORD SIZE: 108

PAGE: 1 OF 4

RECORD ACCESS KEY:

RG-B-CONID
RG-B-RGLVL

FILE NAME: Regulations File

FILE ID: RGF

RECORD NAME: RGF-BETA-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-BETA-RECORD	PAGE: 2 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-BETA-RECORD	Grp					1	108
03		RGF-BETA-KEY	Grp					1	6
05	RG-CONID	RGF-BETA-CONTAMINANT-ID	018*	A/N	X(4)			1	4
05	RG-B-RGLVL	RGF-BETA-REGU-LEVEL	019	A/N	X(2)			5	6
03	RG-B-CONAM	RGF-BETA-CONTAM-NAME	020	A/N	X(15)			7	21
03	RG-B-EFFDT	RGF-BETA-EFFECTIVE-DATE	021	N	9(5)			22	26
03		RGF-BETA-MCL-SCREENING-LEVELS	Grp					27	36
05	RG-B-ANMCL	RGF-BETA-MCL-ANNUAL-DOSAGE	022	N	9V9			27	28
05	RG-B-TRISC	RGF-BETA-TRITIUM-SCREENING	023	N	9(5)			29	33
05	RG-B-STRSC	RGF-BETA-STRONTIUM90-SCREENING	024	N	9(2)V9			34	36
05		RGF-BETA-MAX-GROSS-B-SCREENING	Grp					37	45
07	RG-B-MBENN	RGF-BETA-MAJ-BETA-EM-NO-NUCL	025	N	9(2)V9			37	39
07	RG-B-MBECN	RGF-BETA-MAJ-BETA-EM-CON-NUCL	026	N	9(2)V9			40	42
07	RG-B-S8C1C	RGF-BETA-STRON89-CES134-CON-NU	027	N	9(2)V9			43	45

*See Data Element Dictionary: Appendix A

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-BETA-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05		RGF-BETA-SAMPLING-REQUIREMENTS	Grp					46	54
07	RG-B-CNCOB	RGF-BETA-COM-NONCOMM-BOTH	028	A/N	X(1)			46	46
07	RG-B-MONGD	RGF-BETA-MONIT-GRD-WTR-REQD	029	A/N	X(1)			47	47
07	RG-B-AVCOM	RGF-BETA-AVERAGE-COMPOS-SAMPLE	030	A/N	X(1)			48	48
07	RG-B-MNPOP	RGF-BETA-MIN-POPULATION-ANNUAL	031	N	9(6)			49	54
07		RGF-BETA-NO-NUCLEAR-FACILITY	Grp					55	58
09	RG-B-NNMSP	RGF-BETA-N-NUM-SAMPLES-YEAR	032	N	9(1)			55	55
09	RG-B-NNMFQ	RGF-BETA-N-NORM-MONIT-FREQ	033	N	9(1)			56	56
09	RG-B-NVMFQ	RGF-BETA-N-VIOL-MONIT-FREQ	034	N	9(2)			57	58
07		RGF-BETA-CONTAM-NUCL-FACILITY	Grp					59	70
09	RG-B-CNIOS	RGF-BETA-C-NUM-IODINE-SAMPLES	035	N	9(2)			59	60
09	RG-B-CNSTS	RGF-BETA-C-NUM-STRONT-SAMPLES	036	N	9(2)			61	62
09	RG-B-CIOMF	RGF-BETA-C-IODINE-MONIT-FREQ	037	N	9(2)			63	64
09	RG-B-CSTMF	RGF-BETA-C-STRONT-MONIT-FREQ	038	N	9(2)			65	66

Binder 24
12/18/78

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-BETA-RECORD	PAGE: 4 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
09	RG-B-CVMFQ	RGF-BETA-C-VIOL-MONIT-FREQ	039	N	9(2)			67	68
09	RG-B-CIOSP	RGF-BETA-C-IODINE131-CONS-SPIS	040	N	9(2)			69	70
03	RG-B-DEC-S	RGF-BETA-DEC-SIGNI	751	N	9(1)			71	71
03		FILLEF		A/N	X(37)			72	108

252.001
(R)

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

Binder 24
07/15/82

OUTPUT OF SUBSYSTEM (S) :

Regulations

INPUT TO SUBSYSTEM (S) :

Regulations

Water Quality Compliance

DATE:

EXHIBIT: REGS.258

RECORD TYPE: Fixed

RECORD SIZE: 108

PAGE: 1 OF 3

RECORD ACCESS KEY:

RG-N-CONID
RG-N-RGLVL

FILE NAME: Regulations File

FILE ID: RGF

RECORD NAME: RGF-ENT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	FILE ID: RGF	RECORD NAME: RGF-ENT-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		RGF-ENT-RECORD	---	GRP	---			1	108
03		RGF-ENT-KEY	---	GRP	---			1	6
05	RG-N-CONID	RGF-ENT-CONTAMINANT-ID	759	A/N	X(4)			1	4
05	RG-N-RGLVL	RGF-ENT-REG-LEVEL	760	A/N	X(2)			5	6
03	RG-N-TBLID	RGF-ENT-TABLE-ID	761	A/N	X(1)			7	7
03	RG-N-ANMET	RGF-ENT-ANALYSIS-METHOD	762	A/N	X(3)			8	10
03		RGF-ENT-LOW-CONTAM	---	GRP	---			11	16
05	RG-N-LCLVL	RGF-ENT-LC-LEVEL	763	N	9(5)			11	15
05	RG-N-LCDEC	RGF-ENT-LC-DECIMALS	764	N	9(1)			16	16
03		RGF-ENT-BASIC-CONTAM	---	GRP	---			17	22
05	RG-N-BCLVL	RGF-ENT-BC-LEVEL	765	N	9(5)			17	21
05	RG-N-BCDEC	RGF-ENT-BC-DECIMALS	766	N	9(1)			22	22
03		RGF-ENT-UPPER-CONTAM	---	GRP				23	28
05	RG-N-UCLVL	RGF-ENT-UC-LEVEL	767	N	9(5)			23	27

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Regulations File	**FILE ID:** RGF	**RECORD NAME:** RGF-ENT-RECORD	**PAGE:** 3 **OF** 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	RG-N-UCDEC	RGF-ENT-UC-DECIMALS	768	N	9(1)			28	28
03	RG-N-CNAME	RGF-ENT-CONTAM-NAME	769	A/N	X(30)			29	58
03		Filler		A/N	X(50)			59	108

252.004
(R)

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:

FILE ID:

RECORD NAME:

PAGE: **OF**

FIELD DESCRIPTION									
DATA ELEMENT				**DATA TYPE**	**PICTURE**	**OCCUR**	**VAR**	**POSITIONS**	
LEVEL	**MNEMONIC**	**PROGRAM NAME**	**CAT. NO.**					**FROM**	**TO**

EXHIBIT NO. REGS.300

has been intentionally left out.

REGS020 1 of 1
9/23/76

RGF Report Module
SouthWestern Ohio Regional Computer Center

EXHIBIT REGS.301

```
                                        MODEL STATE INFORMATION SYSTEM
REGS020                                     REGULATIONS SUBSYSTEM
DATE XX/XX/XX                     REGULATIONS REPORT - CHEMICAL CONTAMINANTS                     PAGE 00009

  CONTAMINANT ID        REGULATION/LEVEL            CHEMICAL NAME          REASON FOR MONITORING

     9999                    XX                      XXXXXXXXXXX                  X

                                                                              NUMBER OF CHECK SAMPLES
     MCL UNITS          MCL          MCL DECIMALS          REASONABLE BOUNDS       REQUIRED IF REGULAR
                                                   LOWER DECIMALS  UPPER DECIMALS  SAMPLE VIOLATES MCL

      XXXXXX           000009            9          00009     9     00009     9             9

     SEASONAL          SPECIAL         MAXIMUM TIME TO INITIATE
     SAMPLING        COMPUTATION       SECOND SAMPLE ANALYSIS IF          PERIOD WITHIN WHICH CHECK
  (ORGANIC ONLY)                      REGULAR SAMPLE IS IN VIOLATION         SAMPLES MUST BE MADE
                                          (NITRATE ONLY)

        X                X                   00                                   09

      PWS            EFFECTIVE       MONITORING REQUIREMENTS       NORMAL              IF MCL IS VIOLATED
      TYPE             DATE          SOURCE   YEARS TO           SAMPLING        MINIMUM          MINIMUM NUMBER
                                      TYPE    FIRST SAMPLE       FREQUENCY       SAMPLING         OF SUCCESSIVE
                                                                                 FREQUENCY        NEGATIVE SAMPLES

    COMMUNITY        XX/XX/XX        GROUND       9                0009           0009                 09

                                     SURFACE      9                0009           0009                 09


    NON-COMMUNITY    XX/XX/XX        GROUND       9                0009           0009                 09

                                     SURFACE      9                0009           0009                 09
```

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            REGS020                              1 of 1
                                                 9/23/76
 RGP Report Module
              SouthWestern Ohio Regional Computer Center
EXHIBIT REGS.302

 RMGS02A                          MODEL STATE INFORMATION SYSTEM
                                       REGULATIONS SUBSYSTEM
 DATE XX/XX/XX                REGULATIONS REPORT - TURBIDITY CONTAMINANT        PAGE 99999

    CONTAMINANT ID               REGULATION/LEVEL                  CONTAMINANT NAME
         0100                           XX                            TURBIDITY

          MCL FOR                        MCL FOR                        NUMBER OF
      MONTHLY AVERAGE             CONSECUTIVE SAMPLES             CONSECUTIVE SAMPLES
            99                             99                               99

      EFFECTIVE          SIGNIFICANT DIGITS       APPLY TO           INCLUDE REPEAT
        DATE               FOR COMPLIANCE        ALL SOURCES      SAMPLES IN AVERAGE
      XX/XX/XX                   9                    X                    X

              FREQUENCY  OF  MONITORING                        MINIMUM RESAMPLING PERIOD
   COMMUNITY WWS:  999    NON-COMMUNITY PWS:  999                   IF MCL EXCEEDED
                                                                          99
         REGS020                              1 OF 1
                                              9/23/76
      RGF REPORT MODULE
           SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
      EXHIBIT REGS.303

                                                  MODEL STATE INFORMATION SYSTEM
  REGS020                                             REGULATIONS SUBSYSTEM
  DATE XX/XX/XX                  REGULATIONS REPORT - POPULATION TABLE FOR BACTERIOLOGICAL SAMPLING                 PAGE ZZZZ9

     CONTAMINANT ID                      REGULATION/LEVEL                           TABLE ID
         3000                                   XX                                     1

              POPULATION LOWER LIMIT     POPULATION UPPER LIMIT         MINIMUM SAMPLES PER MONTH
                    ZZZZZZZZ9                  ZZZZZZZZ9                          ZZ9
                    ZZZZZZZZ9                  ZZZZZZZZ9                          ZZ9
                    ZZZZZZZZ9                  ZZZZZZZZ9                          ZZ9
```

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          REGS020                          1 OF 1
                                           9/23/76
RGF REPORT MODULE
          SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT REGS.304

                                                  MODEL STATE INFORMATION SYSTEM
REGS020                                              REGULATIONS SUBSYSTEM
DATE XX/XX/XX                            REGULATIONS REPORT - BACTERIOLOGICAL CONTAMINANT                         PAGE ZZZZ9

  CONTAMINANT ID           REGULATION/LEVEL               CONTAMINANT NAME                 EFFECTIVE DATE

      3010                        XX                           COLIFORM                       XX/XX/XX

   ANALYSIS                   SINGLE SAMPLE      MONTHLY       PERCENT OF     MINIMUM REQUIRED     MCL WHEN     SIGNIFICANT
    METHOD          UNIT           MCL             MCL          SAMPLES        SAMPLES TO          PERCENT      DIGITS FOR
                                                                               USE PERCENT         IS USED      COMPLIANCE
   MEMBRANE        COLIFORM        Z9               Z9            Z9               Z9               Z9              9
   FILTER

   FERMENTATION    POSITIVE        Z9               Z9            Z9               Z9               Z9              9
   TUBE - 10ML.    TUBES

   FERMENTATION    POSITIVE        Z9               Z9            Z9               Z9               Z9              9
   TUBE - 100ML.   TUBES

   REQUIREMENTS FOR WAIVER OF ONE MONTH SAMPLING:     MAXIMUM REQUIRED SAMPLES     SAMPLING PERIOD

                                                                9                         9

   CHECK SAMPLING REQUIREMENTS IF SINGLE SAMPLE MCL IS VIOLATED:
     MINIMUM NUMBER OF CONSECUTIVE        MINIMUM NUMBER OF CONSECUTIVE       MINIMUM NUMBER OF CONSECUTIVE
        DAILY CHECK SAMPLES                   NEGATIVE PORTIONS                NEGATIVE MEMBRANE FILTERS

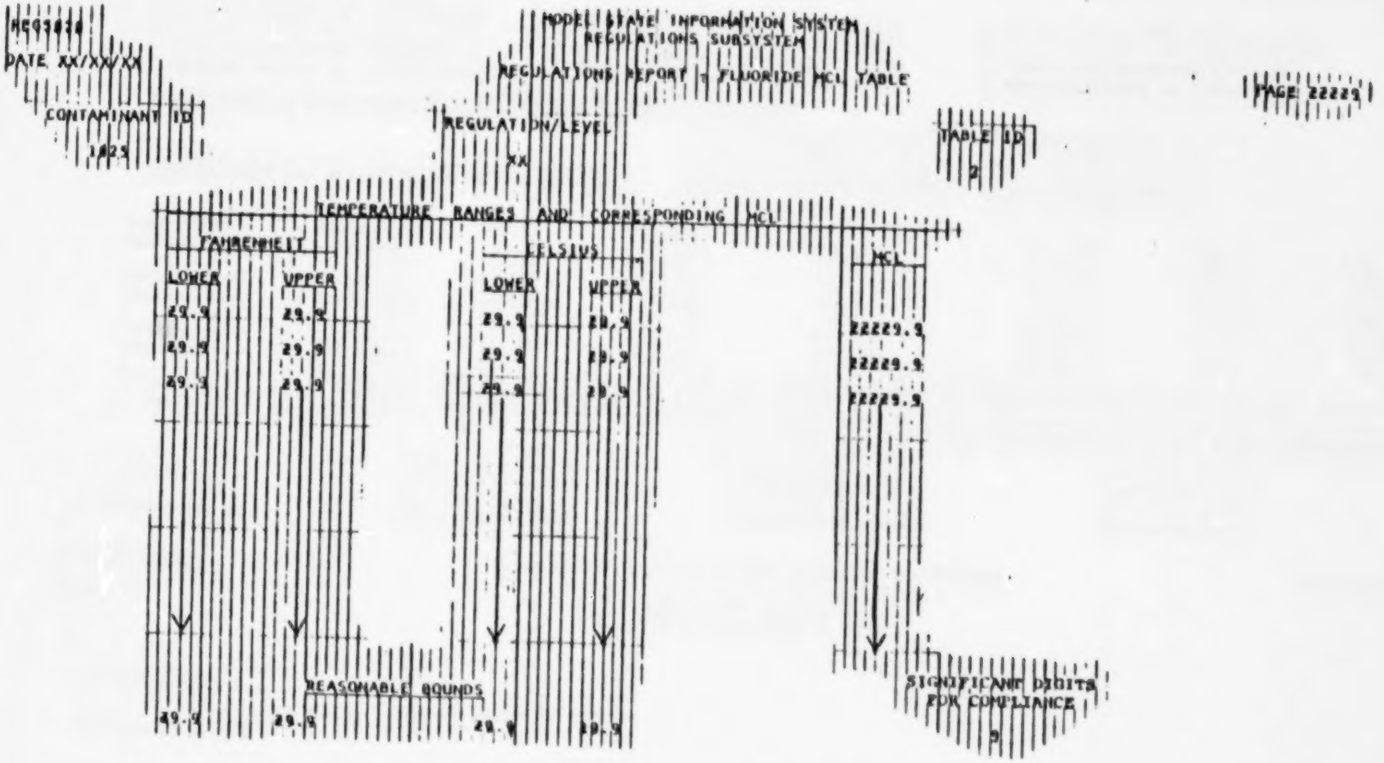
                 9                                    9                                   Z9
   CHLORINE RESIDUAL METHOD:
     NUMBER OF SAMPLES IN LIEU    MAXIMUM PERCENT OF    MINIMUM CHLORINE         MAXIMUM TIME TO        SIGNIFICANT DIGITS
      OF ONE REGULAR SAMPLE        REGULAR SAMPLES           LEVEL           RETEST CHLORINE LEVEL      FOR COMPLIANCE

                Z9                        Z9                   99                      Z9                      9
   NON-COMMUNITY PWS MONITORING REQUIREMENTS:
        EFFECTIVE             SEASONAL         SAMPLING        NUMBER OF SAMPLES
          DATE                SAMPLING          PERIOD             PER PERIOD

        XX/XX/XX                 X                X                    Z9
```

Binder 24
12/18/78

REGS020 1 of 1
RGF Report Module 9/23/76
SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT REGS.305



REGS020
DATE XX/XX/XX

MODEL STATE INFORMATION SYSTEM
REGULATIONS SUBSYSTEM
REGULATIONS REPORT - FLUORIDE MCL TABLE

PAGE 22229

CONTAMINANT ID
1025

REGULATION/LEVEL
XX

TABLE ID
2

TEMPERATURE RANGES AND CORRESPONDING MCL

FAHRENHEIT		CELSIUS		MCL
LOWER	UPPER	LOWER	UPPER	
29.9	29.9	29.9	29.9	22229.9
29.9	29.9	29.9	29.9	22229.9
29.9	29.9	29.9	29.9	22229.9

REASONABLE BOUNDS

29.9	29.9	29.9	29.9

SIGNIFICANT DIGITS FOR COMPLIANCE
9

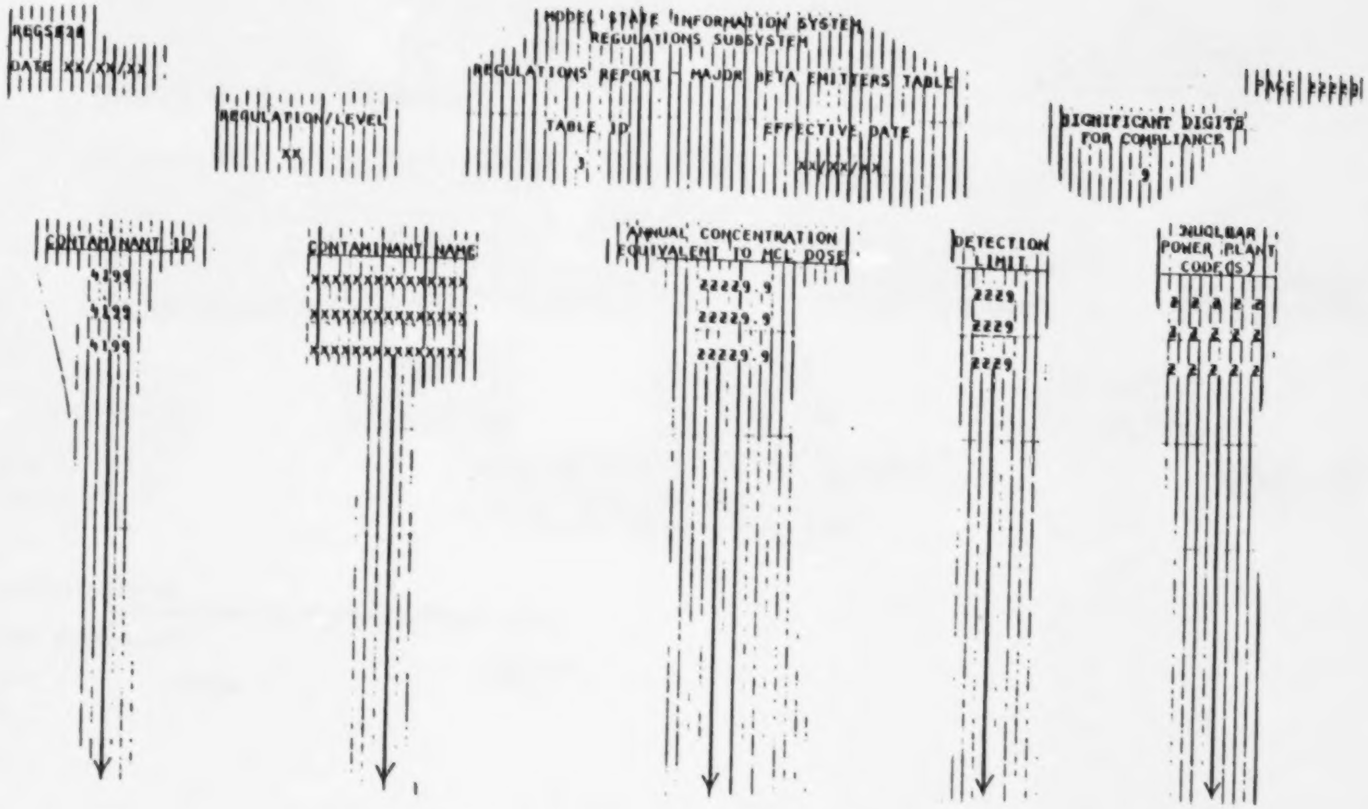
REGS020

1 of 1
9/23/76

RGF Report Module

SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER

EXHIBIT REGS.306



```
REGS020                                  MODEL STATE INFORMATION SYSTEM
DATE XX/XX/XX                               REGULATIONS SUBSYSTEM
                                 REGULATIONS REPORT - MAJOR BETA EMITTERS TABLE          PAGE ZZZZ9

              REGULATION/LEVEL             TABLE ID            EFFECTIVE DATE    SIGNIFICANT DIGITS
                                                                                   FOR COMPLIANCE
                     XX                       9                   XX/XX/XX               9

  CONTAMINANT ID     CONTAMINANT NAME     ANNUAL CONCENTRATION    DETECTION        NUCLEAR
                                          EQUIVALENT TO MCL DOSE    LIMIT      POWER PLANT
                                                                                 CODE(S)
       4199          XXXXXXXXXXXXXXX            ZZZZ9.9              ZZZ9      Z Z Z Z Z
       4199          XXXXXXXXXXXXXXX            ZZZZ9.9              ZZZ9      Z Z Z Z Z
       4199          XXXXXXXXXXXXXXX            ZZZZ9.9              ZZZ9      Z Z Z Z Z
```

Binder 24
12/18/78

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        REGS020                    1 OF 1
                                 9/23/76
RGF REPORT MODULE
       SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
EXHIBIT REGS.307

                                     MODEL STATE INFORMATION SYSTEM
REGS020                                   REGULATIONS SUBSYSTEM
DATE XX/XX/XX                       REGULATIONS REPORT - GROSS ALPHA CONTAMINANT          PAGE ZZZZ9

   CONTAMINANT ID          REGULATION/LEVEL          CONTAMINANT NAME          EFFECTIVE DATE

       4008                       XX                    GROSS ALPHA              XX/XX/XX

  MCL AND SCREENING LEVELS:
                                      MAXIMUM GROSS ALPHA            MAXIMUM RADIUM-226          SIGNIFICANT DIGITS
                                        SCREENING LEVEL              SCREENING LEVEL               FOR COMPLIANCE
   GROSS        COMBINED            WITHOUT          WITH           FOR         FOR ANNUAL
   ALPHA         RADIUM           RADIUM-228      RADIUM-228     RADIUM-228     MONITORING
    MCL           MCL

   Z9.9          Z9.9                Z9.9            Z9.9           Z9.9           9.9                   9

  SAMPLING AND ANALYSIS REQUIREMENTS:
  NUMBER OF CONSECUTIVE            NORMAL                  INITIAL                     FRACTION OF MCL
   QUARTERLY SAMPLES        MONITORING FREQUENCY      MONITORING PERIOD            AT WHICH TO SUBSTITUTE
                                                    FOR NEW WATER SOURCE            SINGLE ANNUAL SAMPLE

          9                         9                        Z9                             .99

      MONITORING             ANNUAL COMPOSITE OR      THESE REGULATIONS APPLY TO
   FREQUENCY IF PWS        MULTIPLE SAMPLE AVERAGE    COMMUNITY, NON-COMMUNITY
    IS IN VIOLATION              REQUIRED                    OR BOTH

          Z9                         X                          X
```

Binder 24
12/18/78

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            REGS020                              1 OF 1
                                                 9/23/76
       RGF REPORT MODULE
            SOUTHWESTERN OHIO REGIONAL COMPUTER CENTER
       EXHIBIT REGS.308

REGS020                          MODEL STATE INFORMATION SYSTEM
DATE XX/XX/XX                        REGULATIONS SUBSYSTEM
                               REGULATIONS REPORT - GROSS BETA CONTAMINANT                      PAGE ZZZZ9
  CONTAMINANT ID        REGULATION/LEVEL                CONTAMINANT NAME           EFFECTIVE DATE
     4100                      XX                          GROSS BETA                 XX/XX/XX
MCL AND SCREENING LEVELS:
                                                    MAXIMUM GROSS BETA SCREENING LEVELS
  MAN-MADE                                   FOR MAJOR BETA      FOR MAJOR BETA     FOR STRONTIUM-89 AND
RADIONUCLIDE   TRITIUM    STRONTIUM-90      EMMITTERS - NO      EMITTERS - WATERS   CESIUM-134 - WATERS    SIGNIFICANT
 ANNUAL MCL   SCREENING    SCREENING       NUCLEAR FACILITY    CONTAMINATED BY A   CONTAMINATED BY A      DIGITS FOR
   DOSAGE       LEVEL        LEVEL          CONTAMINATION      NUCLEAR FACILITY    NUCLEAR FACILITY       COMPLIANCE
    9.9         ZZZZ9        Z9.9               Z9.9                Z9.9                Z9.9                   9

    SAMPLING AND ANALYSIS REQUIREMENTS:
     THESE REGULATIONS APPLY TO    REQUIRED MONITORING        COMPOSITE OR         MINIMUM POPULATION
     COMMUNITY, NON-COMMUNITY     OF GROUND WATER SOURCES    SAMPLE AVERAGE         FOR REQUIRED
             OR BOTH                                           REQUIRED           ANNUAL MONITORING
                X                          X                      X                    ZZZZZ9
       NO NUCLEAR FACILITY CONTAMINATION:
              INITIAL                                          MONITORING
         NUMBER OF SAMPLES               NORMAL              FREQUENCY IF PWS
             PER YEAR              MONITORING FREQUENCY      IS IN VIOLATION
                9                          9                      Z9
       WATERS CONTAMINATED BY A NUCLEAR FACILITY:
         NUMBER OF SAMPLES               NORMAL                MONITORING          IODINE-131 CONSECUTIVE
             PER YEAR              MONITORING FREQUENCY      FREQUENCY IF PWS      DAILY SAMPLES REQUIRED
                      STRONTIUM-90              STRONTIUM-90  IS IN VIOLATION           PER QUARTER
       IODINE-131     AND TRITIUM   IODINE-131  AND TRITIUM
          Z9              Z9           Z9           Z9             Z9                       Z9
```

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07/15/82

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          REGS020                          1 of 1
     RGF Report Module                     9/30/81
              University of Cincinnati Computing Center
     EXHIBIT - REGS.309


     REGS020 01.04                          MODEL STATE INFORMATION SYSTEM
     DATE 09/30/81                             REGULATIONS SUBSYSTEM                        REGS.309
                                     REGULATIONS REPORT - EARLY NOTIFICATION TABLE
                               REGULATION LEVEL                            TABLE ID         PAGE     1
                                      XX                                      4
        CONTAMINANT                                   ANALYSIS    CONTAMINANT    CONTAMINANT    CONTAMINANT
            ID       CONTAMINANT NAME                  METHOD     LOWER LEVEL    BASIC LEVEL    UPPER LEVEL
           XXXX   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX        XXX       XXXXX.XXXXX    XXXXX.XXXXX    XXXXX.XXXXX
           XXXX   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX        XXX       XXXXX.XXXXX    XXXXX.XXXXX    XXXXX.XXXXX
           XXXX   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX        XXX       XXXXX.XXXXX    XXXXX.XXXXX    XXXXX.XXXXX
           XXXX   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX        XXX       XXXXX.XXXXX    XXXXX.XXXXX    XXXXX.XXXXX
           XXXX   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX        XXX       XXXXX.XXXXX    XXXXX.XXXXX    XXXXX.XXXXX
           XXXX   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX        XXX       XXXXX.XXXXX    XXXXX.XXXXX    XXXXX.XXXXX
           XXXX   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX        XXX       XXXXX.XXXXX    XXXXX.XXXXX    XXXXX.XXXXX
           XXXX   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX        XXX       XXXXX.XXXXX    XXXXX.XXXXX    XXXXX.XXXXX
           XXXX   XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX        XXX       XXXXX.XXXXX    XXXXX.XXXXX    XXXXX.XXXXX
```

NOTES

WAQC210 WAQC.100

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

PROCESSING OPTIONS FOR JOB ________________

CARD ID
P R O C
1-4

DATE
M D Y
☐☐☐☐☐☐
5-10

STANDARD ERROR PROCESSING OPTION:

☐ 11 Y = YES N = NO CREATE A SPECIAL OUTPUT FILE OF ERROR RECORDS

☐ 12 Y = YES N = NO PRINT ONLY THE DATA ELEMENT FIELDS WHICH WERE IN ERROR - NOT THE ENTIRE RECORD

PREPARED BY ______________________________ DATE ___/___/___

APPROVED BY ______________________________ DATE ___/___/___

WAQC210 WAQC.101

MODEL STATE INFORMATION SYSTEM

WATER QUALITY COMPLIANCE SUBSYSTEM

LABORATORY TABLE INPUT FORM

LAB ID ☐☐☐☐☐ (1-5)

[9] (6)

OWNER TYPE ☐ (7)

LABORATORY NAME ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐ (8 - 37)

EXPIRATION DATE
M D Y
☐☐☐☐☐☐ (38-43)

CARD CODE: [L][1] (79-80)

PREPARED BY ______________________ DATE ___/___/___

APPROVED BY ______________________ DATE ___/___/___

WAQC210 WAQC.102

MODEL STATE INFORMATION SYSTEM

WATER QUALITY COMPLIANCE SUBSYSTEM

LABORATORY TABLE INPUT FORM

LAB ID ☐☐☐☐☐ 1-5

CONTAMINANT GROUP ☐ 6

AUTHORIZED ANALYSIS METHOD CODES

☐☐☐ 7-9 ☐☐☐ 10-12 ☐☐☐ 13-15 ☐☐☐ 16-18 ☐☐☐ 19-21 ☐☐☐ 22-24 ☐☐☐ 25-27 ☐☐☐ 28-30 ☐☐☐ 31-33 ☐☐☐ 34-36

☐☐☐ 37-39 ☐☐☐ 40-42 ☐☐☐ 43-45 ☐☐☐ 46-48 ☐☐☐ 49-51 ☐☐☐ 52-54 ☐☐☐ 55-57 ☐☐☐ 58-60 ☐☐☐ 61-63 ☐☐☐ 64-66

☐☐☐ 67-69 ☐☐☐ 70-72 ☐☐☐ 73-75 ☐☐☐ 76-78

CONTAMINANT GROUP CODES
0 - TURBIDITY
1 - INORGANIC CHEMICALS
2 - ORGANIC CHEMICALS
3 - MICROBIOLOGICAL
4 - RADIONUCLIDE
9 - OTHER

CARD CODE: L 2 79-80

PREPARED BY ____________________ DATE ___/___/___

APPROVED BY ____________________ DATE ___/___/___

WAQC010,020

MODEL STATE INFORMATION SYSTEM

WAQC.103

WATER QUALITY COMPLIANCE SUBSYSTEM

PROCESSING OPTIONS FOR JOB ______________

CARD ID	DATE M D Y
P R O C	☐☐☐☐☐☐
1-4	5-10

STANDARD ERROR PROCESSING OPTIONS:

☐ 11 Y = YES N = NO CREATE A SPECIAL FILE OF ERROR RECORDS

☐ 12 Y = YES N = NO PRINT ONLY THE DATA ELEMENT FIELDS WHICH WERE IN ERROR - NOT THE ENTIRE RECORD

PREPARED BY ______________________________ DATE ___/___/___

APPROVED BY ______________________________ DATE ___/___/___

WAOC011.012.016.017.
018.019.040.041.
045.050.051.060.
061.065.070.080.
090.110.111.112.
113

WAOC.104

MODEL STATE INFORMATION SYSTEM

WATER QUALITY COMPLIANCE SUBSYSTEM

SORT OPTIONS FOR JOB --------------------

CARD ID	SORT SEQUENCE	MNEMONIC NAME OF DATA ELEMENT	SORT MODE	
S O R T 1-4	☐☐ 5-6	☐☐☐☐☐☐☐☐☐☐ 7-16	☐ 17	A-ASCENDING D-DESCENDING
	☐☐ 18-19	☐☐☐☐☐☐☐☐☐☐ 20-29	☐ 30	A-ASCENDING D-DESCENDING
	☐☐ 31-32	☐☐☐☐☐☐☐☐☐☐ 33-42	☐ 43	A-ASCENDING D-DESCENDING
	☐☐ 44-45	☐☐☐☐☐☐☐☐☐☐ 46-55	☐ 56	A-ASCENDING D-DESCENDING
	☐☐ 57-58	☐☐☐☐☐☐☐☐☐☐ 59-68	☐ 69	A-ASCENDING D-DESCENDING

PREPARED BY ------------------------------ DATE --/--/--

APPROVED BY ------------------------------ DATE --/--/--

WAQC010

MODEL STATE INFORMATION SYSTEM

WAQC.105

WATER QUALITY COMPLIANCE SUBSYSTEM

SAMPLE DELETION TRANSACTIONS - PERIODIC SAMPLE FILE

PWS ID 1-7	CARD CODE 8-9	CONTAMINANT ID 10-13	CONTAMINANT NAME	ANALYSIS METHOD 14-16	SAMPLE KEY 17-28
	0 1				
	0 1				
	0 1				
	0 1				
	0 1				
	0 1				
	0 1				
	0 1				
	0 1				
	0 1				

PREPARED BY ______________________________ DATE ___/___/___

APPROVED BY ______________________________ DATE ___/___/___

WAQC010

MODEL STATE INFORMATION SYSTEM

WAQC.106

WATER QUALITY COMPLIANCE SUBSYSTEM

CHEMICAL OR RADIOLOGICAL ANALYSIS INPUT FORM

PWS ID ☐☐☐☐☐☐☐ 1 - 7

TRANSACTION CODE [0][3] 8-9

PUBLIC WATER SYSTEM NAME AND ADDRESS ☐ ☐ ☐

	CONTAMINANT ID	CONTAMINANT NAME	ANALYSIS METHOD	ANALYSIS RESULT	ANALYSIS DECIMALS	ANALYSIS DATE M D Y		SAMPLE ANALYZED BY:
DUP 1-9	☐☐☐☐	☐	☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	DUP 28-48 (BELOW)	________
.	☐☐☐☐	☐	☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	.	________
.	☐☐☐☐	☐	☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	.	________
.	☐☐☐☐	☐	☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	.	________
.	☐☐☐☐	☐	☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	.	________
.	☐☐☐☐	☐	☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	.	________
.	☐☐☐☐	☐	☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	.	________
.	☐☐☐☐	☐	☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	.	________
.	☐☐☐☐	☐	☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	.	________
.	☐☐☐☐	☐	☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	.	________
	10-13		14-16	17-20	21	22-27		

LOCATION CODE	LOCATION NAME	SAMPLE DATE M D Y	SAMPLE TYPE	SAMPLE TIME	LAB ID	LAB NAME	SAMPLE COLLECTED BY:
☐☐☐	☐	☐☐☐☐☐☐	☐	☐☐☐☐	☐☐☐☐☐	☐	________
28-30		31-36	37	38-41	42-46		

SAMPLE TYPE KEY
C - CHECK SAMPLE
D - REGULAR DISTRIBUTION SAMPLE
P - PLANT TAP SAMPLE
R - RAW WATER SAMPLE
S - SPECIAL SAMPLE

PREPARED BY ____________________ DATE __/__/__

APPROVED BY ____________________ DATE __/__/__

WQC010 WQC.107

MODEL STATE INFORMATION SYSTEM

WATER QUALITY COMPLIANCE SUBSYSTEM

BACTERIOLOGICAL OR TURBIDITY ANALYSIS INPUT FORM

PWS ID ☐☐☐☐☐☐☐ 1-7

TRANSACTION CODE 0 5 8-9

CONTAMINANT ID ☐☐☐☐ 10-13

CONTAMINANT NAME ______________________

PUBLIC WATER SYSTEM NAME AND ADDRESS ______________________

CAP 1-13

METHOD	ANALYSIS RESULT	DEC	ANALYSIS DATE M D Y	LOC CODE	SAMPLE DATE M D Y	SPL TYPE	SAMPLE TIME	DUP 42-46 (BELOW)	SAMPLE LOCATION	COMMENTS
☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	☐☐☐	☐☐☐☐☐☐	☐	☐☐☐☐		☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐
☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	☐☐☐	☐☐☐☐☐☐	☐	☐☐☐☐		☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐
☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	☐☐☐	☐☐☐☐☐☐	☐	☐☐☐☐		☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐
☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	☐☐☐	☐☐☐☐☐☐	☐	☐☐☐☐		☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐
☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	☐☐☐	☐☐☐☐☐☐	☐	☐☐☐☐		☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐
☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	☐☐☐	☐☐☐☐☐☐	☐	☐☐☐☐		☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐
☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	☐☐☐	☐☐☐☐☐☐	☐	☐☐☐☐		☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐
☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	☐☐☐	☐☐☐☐☐☐	☐	☐☐☐☐		☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐
☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	☐☐☐	☐☐☐☐☐☐	☐	☐☐☐☐		☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐
☐☐☐	☐☐☐☐	☐	☐☐☐☐☐☐	☐☐☐	☐☐☐☐☐☐	☐	☐☐☐☐		☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐
14-16	17-20	21	22-27	28-30	31-36	37	38-41		47-61	62-71

LAB ID ☐☐☐☐☐ 42-46

LAB NAME ______________________

PREPARED BY ______________________ DATE ___/___/___

APPROVED BY ______________________ DATE ___/___/___

SAMPLE TYPE KEY
C - CHECK SAMPLE
D - REGULAR DISTRIBUTION SAMPLE
P - PLANT TAP SAMPLE
R - RAW WATER SAMPLE
S - SPECIAL SAMPLE

WAQC010 — WAQC.108

MODEL STATE INFORMATION SYSTEM

WATER QUALITY COMPLIANCE SUBSYSTEM

BACTERIOLOGICAL OR TURBIDITY SUMMARY ANALYSIS INPUT FORM

PWS ID ☐☐☐☐☐☐☐ 1 - 7

TRANSACTION CODE 0 7 8-9

PUBLIC WATER SYSTEM NAME AND ADDRESS ☐ ☐ ☐

CONTAMINANT ID ☐☐☐☐ 10 - 13

CONTAMINANT NAME ☐

ANALYSIS METHOD ☐☐☐ 14-16

NUMBER OF SAMPLES REQUIRED ☐☐☐ 17-19

NUMBER OF SAMPLES TAKEN ☐☐☐ 20-22

SAMPLE ANALYSIS RESULTS

HIGHEST ☐☐☐☐ 23-26 DEC. ☐ 27

LOWEST ☐☐☐☐ 28-31 DEC. ☐ 32

AVERAGE ☐☐☐☐ 33-36 DEC. ☐ 37

NUMBER OF SAMPLES IN VIOLATION

FEDERAL MCL ☐☐☐☐ 38-41

STATE MCL ☐☐☐☐ 42-45

LONGEST VIOLATION DURATION ☐☐☐ 46-48

SAMPLE PERIOD

START M D Y ☐☐☐☐☐☐ 49-54

END M D Y ☐☐☐☐☐☐ 55-60

SAMPLE TYPE ☐ 61

DATE OF LAST SAMPLE M D Y ☐☐☐☐☐☐ 62-67

LABORATORY ANALYZING THE MOST SAMPLES

ID ☐☐☐☐☐ 68-72

NAME ☐

CHECK SAMPLES

REGULATIONS REQUIRED NUMBER TAKEN

FEDERAL ☐ 73

STATE ☐ 74

ACTUAL NUMBER TAKEN ☐☐☐ 75-77

NOTIFIED OF VIOLATIONS

PUBLIC ☐ 78

STATE ☐ 79

NUMBER OF PORTIONS POSITIVE FERMENTATION TUBE METHOD ☐☐☐☐

NUMBER OF SAMPLES REQUIRING CHECK SAMPLES ☐☐

ENTRY POINT ID ☐ 80

PREPARED BY ______________________ DATE ___/___/___

APPROVED BY ______________________ DATE ___/___/___

SAMPLE TYPE KEY

C - CHECK SAMPLE
D - REGULAR DISTRIBUTION SAMPLE
P - PLANT TAP SAMPLE
R - RAW WATER SAMPLE
S - SPECIAL SAMPLE

Binder 24
12/31/81

WRDC010 WRDC.109

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

CHEMICAL OR RADIOLOGICAL ANALYSIS INPUT FORM

PWS ID ☐☐☐☐☐☐☐ 1 - 7

TRANSACTION CODE [0][9] 8-9

______________PUBLIC WATER SYSTEM NAME AND ADDRESS______________

	CONTAMINANT ID	CONTAMINANT NAME	ANALYSIS METHOD	SIGN	ANALYSIS RESULT	ANALYSIS DEC	* PREC	ANALYSIS DATE M D Y		SAMPLE ANALYZED BY:
DUP 1-9	☐☐☐☐	________	☐☐☐	☐	☐☐☐☐	☐	± ☐☐☐☐	☐☐☐☐☐☐	DUP 33-51 (BELOW)	________
.	☐☐☐☐	________	☐☐☐	☐	☐☐☐☐	☐	± ☐☐☐☐	☐☐☐☐☐☐	.	________
.	☐☐☐☐	________	☐☐☐	☐	☐☐☐☐	☐	± ☐☐☐☐	☐☐☐☐☐☐	.	________
.	☐☐☐☐	________	☐☐☐	☐	☐☐☐☐	☐	± ☐☐☐☐	☐☐☐☐☐☐	.	________
.	☐☐☐☐	________	☐☐☐	☐	☐☐☐☐	☐	± ☐☐☐☐	☐☐☐☐☐☐	.	________
.	☐☐☐☐	________	☐☐☐	☐	☐☐☐☐	☐	± ☐☐☐☐	☐☐☐☐☐☐	.	________
.	☐☐☐☐	________	☐☐☐	☐	☐☐☐☐	☐	± ☐☐☐☐	☐☐☐☐☐☐	.	________
.	☐☐☐☐	________	☐☐☐	☐	☐☐☐☐	☐	± ☐☐☐☐	☐☐☐☐☐☐	.	________
.	☐☐☐☐	________	☐☐☐	☐	☐☐☐☐	☐	± ☐☐☐☐	☐☐☐☐☐☐	.	________
.	☐☐☐☐	________	☐☐☐	☐	☐☐☐☐	☐	± ☐☐☐☐	☐☐☐☐☐☐	.	________
	10-13		14-16	17	18-21	22	23-26	27-32		

LOCATION CODE	LOCATION NAME	SAMPLE DATE M D Y	SAMPLE TYPE	SAMPLE TIME	LAB ID	LAB NAME	SAMPLE COLLECTED BY:
☐☐☐	________	☐☐☐☐☐☐	☐	☐☐☐☐	☐☐☐☐☐	________	________
33-35		36-41	42	43-46	47-51		

SAMPLE TYPE KEY
- C - CHECK SAMPLE
- D - REGULAR DISTRIBUTION SAMPLE
- P - PLANT TAP SAMPLE
- R - RAW WATER SAMPLE
- S - SPECIAL SAMPLE
- M - TTHM MAXIMUM RESIDENT SMPLE
- E - RADIOLOGICAL COMPOSITE SMPLE

PREPARED BY ______________________ DATE ___/___/___

APPROVED BY ______________________ DATE ___/___/___

* RADS ONLY

WAQC020 WAQC.110

MODEL STATE INFORMATION SYSTEM

WATER QUALITY COMPLIANCE SUBSYSTEM

SAMPLE DELETION TRANSACTIONS - SAMPLE ANALYSIS FILE

PWS ID	CARD CODE	CONTAMINANT ID	CONTAMINANT NAME	ANALYSIS METHOD	SAMPLE KEY
	99				
1-7	8-9	10-13		14-16	17-26
	99				
	99				
	99				
	99				
	99				
	99				
	99				
	99				
	99				

PREPARED BY ______________________ DATE __/__/__

APPROVED BY ______________________ DATE __/__/__

WAOC005.014.
013.123

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAOC.111.

PROCESSING OPTIONS FOR JOB --------------------

CARD. ID	DATE M D Y
P R O C	☐☐☐☐☐☐
1-4	5-10

PREPARED BY ------------------------------ DATE ---/---/---
APPROVED BY ------------------------------ DATE ---/---/---

EXHIBIT NO. WAQC.112

has been intentionally left out.

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

PROCESSING OPTIONS FOR JOB ______________

CARD ID	CURRENT DATE M D Y
P R O C	☐☐☐☐☐☐
1-4	5-10

PURGE DATE M D Y	CONTAMINANT GROUP
☐☐☐☐☐☐ 14-19	0 20
☐☐☐☐☐☐ 21-26	1 27
☐☐☐☐☐☐ 28-33	2 34
☐☐☐☐☐☐ 35-40	3 41
☐☐☐☐☐☐ 42-47	4 48

PURGE REPORT PROCESSING OPTION:
☐ Y = YES, PRINT ALL PURGED RECORDS
49 N = NO, DO NOT PRODUCE PURGED REPORT

PREPARED BY ______________________________ DATE ___/___/___
APPROVED BY ______________________________ DATE ___/___/___

MODEL STATE INFORMATION SYSTEM

WATER QUALITY COMPLIANCE SUBSYSTEM

PROCESSING OPTIONS FOR JOB ____________________

CARD ID	DATE M D Y
P A Q C	☐☐☐☐☐☐
1-4	5-10

SCHEDULING RERUN OPTION: ☐ (14)
Y = YES, THIS IS A RERUN
N = NO, THIS IS NOT A RERUN

MONTHLY OPERATIONS REPORT OPTION:
☐ (15)
Y = YES, PRODUCE THE MONTHLY OPERATIONS REPORT UPDATE FORMS
N = NO, DO NOT PRODUCE THE MONTHLY OPERATIONS REPORT UPDATE FORMS

PREPARED BY ________________________ DATE ___/___/___
APPROVED BY ________________________ DATE ___/___/___

Binder 24 APR 26 '78

WAQC015,100

MODEL STATE INFORMATION SYSTEM

WAQC.115

WATER QUALITY COMPLIANCE SUBSYSTEM

PROCESSING OPTIONS FOR JOB WAQC015

CARD ID	CURRENT DATE M D Y	FROM DATE M D Y	TO DATE M D Y
P R O C	☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐☐☐
1 - 4	5 - 10	14 - 19	20 - 25

CONTAMINANT GROUP

☐ 26 0 - TURBIDITY CONTAMINANT GROUP

☐ 27 1 - INORGANIC CHEMICAL CONTAMINANT GROUP

☐ 28 2 - ORGANIC CHEMICAL CONTAMINANT GROUP

☐ 29 3 - BACTERIOLOGICAL CONTAMINANT GROUP

☐ 30 4 - RADIOLOGICAL CONTAMINANT GROUP

SUMMARY OR LIST

CHEMICAL	RADIOLOGICAL
☐	☐
31	32

ENTER Y OR N IN CONTAMINANT GROUP:

Y = SELECT CONTAMINANT GROUP

N = DO NOT SELECT CONTAMINANT GROUP

ENTER S OR L:

S = SUMMARY

L = LIST

PREPARED BY ______________________________ DATE ___/___/___

APPROVED BY ______________________________ DATE ___/___/___

APR 26 78 Binder 24

WAQC015,100,125

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC.116

SELECTION FORM - DEFINITION OF DATA ELEMENTS

CARD ID	DATA ELEMENT MNEMONIC NAME	DATA ELEMENT COMPARATIVE VALUE	DATA ELEMENT LOGIC ID NO.
S E L I 1-4	☐☐☐☐☐☐☐☐☐☐ 5-14	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐ 15-29	☐☐ 30-31
DUP 1 - 4	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐
.	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐☐

PREPARED BY ______________________ DATE __/__/__

APPROVED BY ______________________ DATE __/__/__

Binder 24 APR 26 78

WAQC015,100,125

MODEL STATE INFORMATION SYSTEM

WAQC.117

WATER QUALITY COMPLIANCE SUBSYSTEM

SELECTION FORM - DEFINITION OF LOGIC FOR SELECTION

RELATION SYMBOLS: LT = LESS THAN
EQ = EQUAL
GT = GREATER THAN
NL = NOT LESS THAN
NG = NOT GREATER THAN
NX = NOT EXISTS(EMPTY)

CARD ID	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION, SYMBOL	DATA ELEMENT LOGIC ID NO.	RELATION SYMBOL
S E L 2 1-4	01	☐☐ 5-6	02	☐☐ 7-8	03	☐☐ 9-10	04	☐☐ 11-12
	05	☐☐ 13-14	06	☐☐ 15-16	07	☐☐ 17-18	08	☐☐ 19-20
	09	☐☐ 21-22	10	☐☐ 23-24	11	☐☐ 25-26	12	☐☐ 27-28
	13	☐☐ 29-30	14	☐☐ 31-32	15	☐☐ 33-34	16	☐☐ 35-36
	17	☐☐ 37-38	18	☐☐ 39-40	19	☐☐ 41-42	20	☐☐ 43-44
	21	☐☐ 45-46	22	☐☐ 47-48	23	☐☐ 49-50	24	☐☐ 51-52
	25	☐☐ 53-54	26	☐☐ 55-56	27	☐☐ 57-58	28	☐☐ 59-60
	29	☐☐ 61-62	30	☐☐ 63-64	31	☐☐ 65-66	32	☐☐ 67-68
	33	☐☐ 69-70	34	☐☐ 71-72	35	☐☐ 73-74		

PREPARED BY ______________________________ DATE ___/___/___

APPROVED BY ______________________________ DATE ___/___/___

WAOC115

MODEL STATE INFORMATION SUBSYSTEM

WAOC.118

WATER QUALITY COMPLIANCE SUBSYSTEM

PROCESSING OPTIONS FOR JOB ------------------

CARD ID
P R O C
1-4

DATE
M D Y
☐☐☐☐☐☐
5-10

STANDARD ERROR PROCESSING OPTIONS:

☐ 11
Y = YES CREATE A SPECIAL FILE OF ERROR RECORDS
N = NO

☐ 12
Y = YES PRINT ONLY THE DATA ELEMENT FIELDS WHICH WERE IN ERROR - NOT THE ENTIRE RECORD
N = NO

STANDARD HISTORY PROCESSING OPTIONS:

☐ 13
SELECT THE CODE FOR THE TYPE OF HISTORY REPORT TO BE PRINTED
1 = ONLY NEW STANDARD HISTORY FILE RECORDS
2 = ALL THE STANDARD HISTORY FILE RECORDS WHICH WERE EVER CREATED FROM THIS SUBSYSTEM
3 = THE ENTIRE STANDARD HISTORY FILE
4 = DO NOT PRINT A REPORT

PREPARED BY ---------------------- DATE ---/---/---
APPROVED BY ---------------------- DATE ---/---/---

WAQC115 WAQC.119

MODEL STATE INFORMATION SYSTEM

WATER QUALITY COMPLIANCE SUBSYSTEM

VIOLATIONS FILE

RECORD CREATION AND MAINTENANCE FORM.

VIOLATION IDENTIFICATION	CARD. CODE	RECORD. CREATION	
☐☐☐☐☐	0 0	☐	ENTER A 'Y' IF CREATING A NEW RECORD ONLY PUNCH THIS CARD IF A 'Y' IS ENTERED
1-5	6-7	8	

	CARD CODE	PWS ID	REGULATION LEVEL	CONTAMINANT ID	LAB ID	SAMPLE DATE M D Y
DUP 1-5	0 1	☐☐☐☐☐☐☐	☐☐	☐☐☐☐	☐☐☐☐☐	☐☐☐☐☐☐
	6-7	8-14	15-16	17-20	21-25	26-31

-----SAMPLES-----		--------------- ANALYSIS -----------------				
NUMBER REQUIRED	NUMBER. TAKEN	METHOD	RESULT	DECIMALS	DATE M D Y	SAMPLING CUT-OFF DATE M D Y
☐☐☐☐	☐☐☐☐	☐☐☐	☐☐☐☐☐	☐	☐☐☐☐☐☐	☐☐☐☐☐☐
32-35	36-39	40-42	43-47	48	49-54	55-60

ENTRY POINT NAME	ENTRY POINT ID
☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐	☐
61 - 75	76

PREPARED BY ---------------------- DATE ---/---/---

APPROVED BY ---------------------- DATE ---/---/---

WAQC115

MODEL STATE INFORMATION SYSTEM

WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC-120

VIOLATIONS FILE

RECORD CREATION AND MAINTENANCE FORM

VIOLATION IDENTIFICATION	CARD CODE	VIOLATION TYPE	VIOLATION DATE M D Y	MCL VIOLATED	MCL VIOLATED DECIMALS	SAMPLING FREQUENCY VIOLATED	NUMBER SAMPLES VIOLATED	VIOLATION DURATION
☐☐☐☐☐	0 2	☐☐	☐☐☐☐☐☐	☐☐☐☐☐	☐	☐☐☐	☐☐☐☐	☐☐☐
1-5	6-7	8-9	10-15	16-20	21	22-24	25-28	29-31

NOTIFY PUBLIC	NOTIFY STATE	SAMPLE TYPE	SAMPLE KEY	DATE LAST REPORT M D Y
☐	☐	☐	☐☐☐☐☐☐☐☐☐☐	☐☐☐☐☐☐
32	33	34	35-44	45-50

TIME SINCE LAST REPORT
☐☐
51-52

PREPARED BY ---------------------- DATE ---/---/---

APPROVED BY ---------------------- DATE ---/---/---

Binder 24
03/15/82

Binder 24
10/25/78

WAQC025 WAQC.121

MODEL STATE INFORMATION SYSTEM

WATER QUALITY COMPLIANCE SUBSYSTEM

PROCESSING OPTIONS FOR JOB________________________

CARD ID	PROCESSING DATE M D Y	PROCESSING LAG TIME	BACTERIOLOGICAL/TURBIDITY COMPLIANCE CYCLE
P R O C	☐☐☐☐☐☐	☐☐	☐☐
1-4	5-10	11-12	13-14

INORGANIC CHEMICALS AVERAGE DAILY MAXIMUM AIR TEMPERATURE TEMPERATURE	UNITS	ORGANIC CHEMICALS SEASONAL SAMPLING DATES FROM M D Y	UNTIL M D Y	OPERATIONS REPORT PROCESSING MONTH M Y	RETAIN CODE
☐☐☐	☐	☐☐☐☐☐☐	☐☐☐☐☐☐	☐☐☐☐	☐
15-17	18	19-24	25-30	31-34	35

F = FAHRENHEIT
C = CELSIUS

0 - NO RECORDS RETAINED
1 - BACTERIOLOGICAL RECORDS RETAINED
2 - TURBIDITY RECORDS RETAINED
3 - BACTERIOLOGICAL AND TURBIDITY RECORDS RETAINED

PREPARED BY ______________________ DATE ___/___/___

APPROVED BY ______________________ DATE ___/___/___

WAQC115

MODEL STATE INFORMATION SYSTEM

WAQC.122

WATER QUALITY COMPLIANCE SUBSYSTEM

VIOLATIONS FILE

RECORD CREATION AND MAINTENANCE FORM.

VIOLATION IDENTIFICATION	CARD CODE.	CARD NUMBER	ABSTRACT
☐☐☐☐☐ 1-5	0 3 6-7	1. 8	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐ 9-33 ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐ 34-58
DUP 1.- 5	0 3	2	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐ ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐
DUP 1.- 5	0 3	3	☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐ ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐

PREPARED BY ---------------------- DATE ---/--/ ---

APPROVED BY ---------------------- DATE ---/--/ ---

WAQC115.

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

WAQC123

VIOLATIONS FILE
RECORD CREATION AND MAINTENANCE FORM
ENFORCEMENT ACTIONS DATA

VIOLATION IDENTIFICATION	CARD CODE	STATUS CODE	ACTION DATE	DELETE	CODE	MILESTONE DATE	DELETE
☐☐☐☐☐ 1-5	04 6-7	☐ 8	☐☐☐☐☐☐ 9-14	☐ 15	☐☐ 16-17	☐☐☐☐☐☐ 18-23	☐ 24
DUP 1 - 5	04	☐	☐☐☐☐☐☐	☐	☐☐	☐☐☐☐☐☐	☐
DUP 1 - 5	04	☐	☐☐☐☐☐☐	☐	☐☐	☐☐☐☐☐☐	☐
DUP 1 - 5	04	☐	☐☐☐☐☐☐	☐			
DUP 1 - 5	04	☐	☐☐☐☐☐☐	☐			
DUP 1 - 5	04	☐	☐☐☐☐☐☐	☐			

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APPROVED BY ---------------------- DATE ---/--/ ---

WAQC130 WAQC.124

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM
SAMPLE SCHEDULING INPUT FORM

PWS-ID	TURBIDITY	CHEMICALS	BACTERIOLOGICAL	RADIONUCLIDES NATURAL	RADIONUCLIDES MAN-MADE
☐☐☐☐☐☐☐	☐	☐	☐	☐	☐
1-7	8	9	10	11	12

BACTERIOLOGICAL MAILING LABELS OPTION

☐ 13

S = SINGLE (ONE PER PWS)
A = ONE PER SAMPLE
P = NUMBER PER PWS SPECIFIED IN CC 14-15
N = NONE

BACTERIOLOGICAL MAILING LABELS NUMBER

☐☐ 14-15

RESCHEDULE CHEMICALS ☐ 16

RESCHEDULE RADIONUCLIDES ☐ 17

PREPARED BY ________________________ DATE ___/___/___
APPROVED BY ________________________ DATE ___/___/___

WAQC150,170
180

WAQC.125

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

RESTART FORM FOR JOB ____________

CARD ID	RESTART NUMBER
R E S T A R T	☐☐☐☐☐☐☐
1 - 7	8 - 14

PREPARED BY ______________________________ DATE ___/___/___

APPROVED BY ______________________________ DATE ___/___/___

NOTES

Binder 24
3/28/79

WAQC032 WAQC.126

MODEL STATE INFORMATION SYSTEM
WATER QUALITY COMPLIANCE SUBSYSTEM

PWS CONSECUTIVE CONTAMINANTS INPUT FORM

PWS-ID	CONTAMINANTS TO BE MONITORED				
☐☐☐☐☐☐☐ 1-7	☐☐☐☐ 8-11	☐☐☐☐ 12-15	☐☐☐☐ 16-19	☐☐☐☐ 20-23	☐☐☐☐ 24-27
	☐☐☐☐ 28-31	☐☐☐☐ 32-35	☐☐☐☐ 36-39	☐☐☐☐ 40-43	☐☐☐☐ 44-47
	☐☐☐☐ 48-51	☐☐☐☐ 52-55	☐☐☐☐ 56-59	☐☐☐☐ 60-63	☐☐☐☐ 64-67

PWS-ID	CONTAMINANTS TO BE MONITORED				
☐☐☐☐☐☐☐ 1-7	☐☐☐☐ 8-11	☐☐☐☐ 12-15	☐☐☐☐ 16-19	☐☐☐☐ 20-23	☐☐☐☐ 24-27
	☐☐☐☐ 28-31	☐☐☐☐ 32-35	☐☐☐☐ 36-39	☐☐☐☐ 40-43	☐☐☐☐ 44-47
	☐☐☐☐ 48-51	☐☐☐☐ 52-55	☐☐☐☐ 56-59	☐☐☐☐ 60-63	☐☐☐☐ 64-67

PREPARED BY ____________________ DATE ___/___/___

APPROVED BY ____________________ DATE ___/___/___

WAOC012.

WAOC.128

MODEL STATE INFORMATION SYSTEM

WATER QUALITY COMPLIANCE SUBSYSTEM

PROCESSING OPTIONS FOR JOB --------------------

CARD ID	RECORD SEQUENCE	PROCESSING DATE	RECORD SELECTION
P R O C	0 0	☐☐☐☐☐☐	☐
1-4	5-6	7-12	13-13

RECORD SELECTION

*1. - ONLY THOSE SAMPLE RECORDS WHICH WERE ADDED DURING THE UPDATE EXECUTED ON THE PROCESSING DATE IN COLUMNS 7-12.

2 - PROCESS THE ENTIRE FILE

REPORT TYPE ☐ 14-14

0 - PRODUCE NO REPORT.

*1 - SELECT ONLY THOSE SAMPLE RECORDS WHICH HAVE AN ANALYSIS RESULT THAT EXCEEDS THE BASIC CONTAMINANT LEVEL OF THE EARLY NOTIFICATION TABLE.

2 - SELECT ONLY THOSE SAMPLE RECORDS WHICH HAVE AN ANALYSIS RESULT WITHIN THE UPPER & LOWER LIMITS OF THE EARLY NOTIFICATION TABLE.

3 - SELECT ONLY THOSE SAMPLE RECORDS WHICH HAVE AN ANALYSIS RESULT WHICH EXCEEDS THE BASIC CONTAMINANT LEVEL, BUT DOES NOT EXCEED THE UPPER LIMIT OF THE EARLY NOTIFICATION TABLE.

4 - SELECT ONLY THOSE SAMPLE RECORDS WHICH HAVE AN ANALYSIS RESULT WHICH EXCEEDS THE UPPER LIMIT OF THE EARLY NOTIFICATION TABLE.

* INDICATES THIS OPTION AS THE "DEFAULT" VALUE FOR THE FIELD.

PREPARED BY ---------------------------------- DATE ---/---/---

APPROVED BY ---------------------------------- DATE ---/---/---

Binder 24
07/15/82

Binder 24
07/15/82

WADC012

MODEL STATE INFORMATION SYSTEM

WADC 129

WATER QUALITY COMPLIANCE SUBSYSTEM

PROCESSING OPTIONS FOR JOB ---------------------------

CARD ID [P][R][O][C] 1-4   RECORD SEQUENCE [0][1] 5-6

CONTAMINANT ID	ANALYSIS METHOD	PERCENTAGE OR EXCLUSION	CONTAMINANT ID	ANALYSIS METHOD	PERCENTAGE OR EXCLUSION
☐☐☐☐ 7-10	☐☐☐ 11-13	☐☐ 14-15	☐☐☐☐ 16-19	☐☐☐ 20-22	☐☐ 23-24
☐☐☐☐ 25-28	☐☐☐ 29-31	☐☐ 32-33	☐☐☐☐ 34-37	☐☐☐ 38-40	☐☐ 41-42
☐☐☐☐ 43-46	☐☐☐ 47-49	☐☐ 50-51	☐☐☐☐ 52-55	☐☐☐ 56-58	☐☐ 59-60
☐☐☐☐ 61-64	☐☐☐ 65-67	☐☐ 68-69	☐☐☐☐ 70-73	☐☐☐ 74-76	☐☐ 77-78

PREPARED BY -- DATE ---/---/---

APPROVED BY -- DATE ---/---/---

WAOC115

MODEL STATE INFORMATION SYSTEM.

WAOC.130

WATER QUALITY COMPLIANCE SUBSYSTEM

VIOLATIONS FILE

RECORD DELETION FORM

VIOLATION IDENTIFICATION	CARD CODE	RECORD DELETION	
☐☐☐☐☐	9 9	☐	ENTER A 'Y' IF DELETING A RECORD ONLY PUNCH THE CARD IF A 'Y' IS ENTERED
1-5	6-7	8	
☐☐☐☐☐	9 9	☐	
☐☐☐☐☐	9 9	☐	
☐☐☐☐☐	9 9	☐	
☐☐☐☐☐	9 9	☐	
☐☐☐☐☐	9 9	☐	
☐☐☐☐☐	9 9	☐	
☐☐☐☐☐	9 9	☐	
☐☐☐☐☐	9 9	☐	
☐☐☐☐☐	9 9	☐	

PREPARED BY ---------------------- DATE ---/---/---

APPROVED BY ---------------------- DATE ---/---/---

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) : Water Quality Compliance

DATE: 10/25/76

EXHIBIT: WAQC.200

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY: LBI-PROC-IDENT

FILE NAME: Processing Options

FILE ID: LBI

RECORD NAME: LBI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	**FILE ID:** LBI	**RECORD NAME:** LBI-PROC-RECORD	**PAGE:** 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		LBI-PROC-RECORD	Grp					1	80
03		LBI-PROC-ID		A/N	X(4)			1	4
03		LBI-PROC-DATE		A/N	X(6)			5	10
03		LBI-PROC-OUTPUT		A/N	X(1)			11	11
03		LBI-PROC-FIELD-SELECT		A/N	X(1)			12	12
03		FILLER		A/N	X(68)			13	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 10/25/76

EXHIBIT: WAQC.201

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

LBI-CARD1-LAB-ID
LBI-CARD1-CARD-CODE

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

FILE NAME: Laboratory Table Input File

FILE ID: LBI

RECORD NAME: LBI-CARD1-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Laboratory Table Input File	FILE ID: LBI	RECORD NAME: LBI-CARD1-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		LBI-CARD1-RECORD	Grp					1	80
03		LBI-CARD1-LAB-ID		A/N	X(5)			1	5
03		FILLER		A/N	X(1)			6	6
03		LBI-CARD1-OWNER-TYPE		A/N	X(1)			7	7
03		LBI-CARD1-LAB-NAME		A/N	X(30)			8	37
03		LBI-CARD1-EXPIRATION-DATE		A/N	X(6)			38	43
03		FILLER		A/N	X(35)			44	78
03		LBT-CARD1-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

DATE: 10/25/76

EXHIBIT: WAQC.202

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

LBI-CARD2-LAB-ID
LBI-CARD2-CONTAMINANT-GROUP
LBI-CARD2-CARD-CODE

FILE NAME: Laboratory Table Input File

FILE ID: LBI

RECORD NAME: LBI-CARD2-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Laboratory Table Input File	FILE ID: LBI	RECORD NAME: LBI-CARD2-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		LBI-CARD2-RECORD	Grp					1	80
03		LBI-CARD2-LAB-ID		A/N	X(5)			1	5
03		LBI-CARD2-CONTAMINANT-GROUP		A/N	X(1)			6	6
03		LBI-CARD2-ANALYSIS-METHOD		A/N	X(3)	24		7	78
03		LBI-CARD2-CARD-CODE		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

DATE: 11/2/76

EXHIBIT: WAQC.203

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY: PSFI-PROC-ID

FILE NAME: Periodic Sample Processing Options

FILE ID: PSFI

RECORD NAME: PSFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Processing	FILE ID: PSFI	RECORD NAME: PSFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PSFI-PROC-RECORD	Grp					1	80
03		PSFI-PROC-ID		A/N	X(4)			1	4
03		PSFI-PROC-DATE		A/N	X(6)			5	10
03		PSFI-PROC-OUTPUT		A/N	X(1)			11	11
03		PSFI-PROC-FIELD-SELECT		A/N	X(1)			12	12
03		FILLER		A/N	X(68)			13	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) : Water Quality Compliance

DATE: 11/2/76

EXHIBIT: WAQC.204

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY: PSFI-SORT-ID

FILE NAME: Periodic Sample Sort Options

FILE ID: PSFI

RECORD NAME: PSFI-SORT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Sort Options	FILE ID: PSFI	RECORD NAME: PSFI-SORT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PSFI-SORT-RECORD	Grp					1	80
03		PSFI-SORT-ID		A/N	X(4)			1	4
03		PSFI-SORT-INFO	Grp		-	5		5	69
05		PSFI-SORT-SEQUENCE		A/N	X(2)			5	6
05		PSFI-SORT-MNEMONIC		A/N	X(10)			7	16
05		PSFI-SORT-MODE		A/N	X(1)			17	17
03		FILLER		A/N	X(11)			70	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) : Water Quality Compliance

DATE: 11/2/76

EXHIBIT: WAQC.205

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY: PSFI-DELT-KEY

FILE NAME: Periodic Sample Input File

FILE ID: PSFI

RECORD NAME: PSFI-DELT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Smaple Input File	FILE ID: PSFI	RECORD NAME: PSFI-DELT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PSFI-DELT-RECORD	Grp					1	80
03		PSFI-DELT-KEY	Grp					1	26
05	PS-PWS-ID	PSFI-DELT-PWS-ID		A/N	X(7)			1	7
05		PSFI-DELT-TRANSACTION-CODE		A/N	X(2)			8	9
05	PS-CON-ID	PSFI-DELT-CONTAMINANT-ID		A/N	X(4)			10	13
05	PS-AN-METH	PSFI-DELT-ANALYSIS-METHOD		A/N	X(3)			14	16
05	PS-SAMPLKY	PSFI-DELT-SAMPLE-KEY		A/N	X(10)			17	26
03		FILLER		A/N	X(54)			27	80

Note: Mnemonics apply to data elements on the Periodic Sample File (PSF)

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

DATE: 11/2/76

EXHIBIT: WAQC.206

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY: PSFI-DETL-KEY

FILE NAME: Periodic Sample Input File

FILE ID: PSFI

RECORD NAME: PSFI-DETL-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Input File	FILE ID: PSFI	RECORD NAME: PSFI-DETL-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PSFI-DETL-RECORD	Grp					1	80
03		PSFI-DETL-KEY	Grp					1	16
05	PS-PWS-ID	PSFI-DETL-PWS-ID		A/N	X(7)			1	7
05		PSFI-DETL-TRANSACTION-CODE		A/N	X(2)			8	9
05	PS-CONID	PSFI-DETL-CONTAMINANT-ID		A/N	X(4)			10	13
05	PS-AN-METH	PSFI-DETL-ANALYSIS-METHOD		A/N	X(3)			14	16
03	PS-D-ANRSL	PSFI-DETL-ANALYSIS-RESULT		A/N	X(4)			17	20
03	PS-D-ANDEC	PSFI-DETL-ANALYSIS-DECIMALS		A/N	X(1)			21	21
03	PS-D-ANDTE	PSFI-DETL-ANALYSIS-DATE		A/N	X(6)			22	27
03	PS-LOCAT	PSFI-DETL-SAMPLE-ID-CODE		A/N	X(3)			28	30
03	PS-SAMPLDT	PSFI-DETL-SAMPLE-DATE		A/N	X(6)			31	36
03	PS-SAMPLTP	PSFI-DETL-SAMPLE-TYPE		A/N	X(1)			37	37
03	PS-SAMPLTM	PSFI-SETL-SAMPLE-TIME		A/N	X(4)			38	41
03	PS-LAB-ID	PSFI-DETL-LAB-ID		A/N	X(5)			42	46

Binder 24
5/31/80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Input File	FILE ID: PSFI	RECORD NAME: PSFI-DETL-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	PS-LOCNM	PSFI-DETL-LOCATION-NAME		A/N	X(15)			47	61
03	PS-COMMENT	PSFI-DETL-COMMENTS		A/N	X(10)			62	71
03		FILLER		A/N	X(9)			72	80
	Note: Mnemonics apply to data elements								
	on the Periodic Sample File								

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) : Water Quality Compliance

DATE: 11/2/76

EXHIBIT: WAQC.207

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 4

RECORD ACCESS KEY: PSFI-SUMM-KEY

FILE NAME: Periodic Sample Input File

FILE ID: PSFI

RECORD NAME: PSFI-SUMM-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Input File	FILE ID: PSFI	RECORD NAME: PSFI-SUMM-RECORD	PAGE: 2 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PSFI-SUMM-RECORD	Grp					1	80
03		PSFI-SUMM-KEY	Grp					1	16
05	PS-PWS-ID	PSFI-SUMM-PWS-ID		A/N	X(7)			1	7
05		PSFI-SUMM-TRANSACTION-CODE		A/N	X(2)			8	9
05	PS-CONID	PSFI-SUMM-CONTAMINANT-ID		A/N	X(4)			10	13
05	PS-AN-METH	PSFI-SUMM-ANALYSIS-METHOD		A/N	X(3)			14	16
03	PS-REG-SPL	PSFI-SUMM-REQUIRED-NUM-SAMPLES		A/N	X(3)			17	19
03	PS-ACT-SPL	PSFI-SUMM-ACTUAL-NUM-SAMPLES		A/N	X(3)			20	22
03	PS-S-HIRSL	PSFI-SUMM-HIGHEST-RESULT		A/N	X(4)			23	26
03	PS-S-HIDEC	PSFI-SUMM-HIGH-DECIMALS		A/N	X(1)			27	27
03	PS-S-LORSL	PSFI-SUMM-LOWEST-RESULT		A/N	X(4)			28	31
03	PS-S-LODEC	PSFI-SUMM-LOW-DECIMALS		A/N	X(1)			32	32
03	PS-S-MNRSL	PSFI-SUMM-MEAN-RESULT		A/N	X(4)			33	36
03	PS-S-MNDEC	PSFI-SUMM-MEAN-DECIMALS		A/N	X(1)			37	37

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Input File	FILE ID: PSFI	RECORD NAME: PSFI-SUMM-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	PS-FED-VIO	PSFI-SUMM-FEDERAL-VIOLATIONS		A/N	X(4)			38	41
03	PS-STA-VIO	PSFI-SUMM-STATE-VIOLATIONS		A/N	X(4)			42	45
03	PS-VIO-DUR	PSFI-SUMM-VIOLATION-DURATION		A/N	X(3)			46	48
03	PS-PRD-STR	PSFI-SUMM-SAMPLE-PERIOD-START		A/N	X(6)			49	54
03	PS-PRD-END	PSFI-SUMM-SAMPLE-PERIOD-END		A/N	X(6)			55	60
03	PS-SAMPLTP	PSFI-SUMM-SAMPLE-TYPE		A/N	X(1)			61	61
03	PS-SAMPLDT	PSFI-SUMM-SAMPLE-DATE		A/N	X(6)			62	67
03	PS-LAB-ID	PSFI-SUMM-LAB-ID		A/N	X(5)			68	72
03	PS-CHK-FED	PSFI-SUMM-CHECK-SAMPLE-FEDERAL		A/N	X(1)			73	73
03	PS-CHK-STA	PSFI-SUMM-CHECK-SAMPLE-STATE		A/N	X(1)			74	74
03	PS-CHK-NUM	PSFI-SUMM-CHECK-SAMPLE-NUMBER		A/N	X(3)			75	77
03	PS-NOTIPUB	PSFI-SUMM-NOTIFIED-PUBLIC		A/N	X(1)			78	78
03	PS-NOTISTA	PSFI-SUMM-NOTIFIED-STATE		A/N	X(1)			79	79
03		FILLER		A/N	X(1)			80	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Input File	FILE ID: PSFI	RECORD NAME: PSFI-SUMM-RECORD	PAGE: 4 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
	Note: MNEMONICS apply to data elements								
	on the Periodic Sample File								

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

DATE: 9/10/80

EXHIBIT: WAQC.208

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY: PSFI-DETL-09-KEY

FILE NAME: Periodic Sample Input File

FILE ID: PSFI

RECORD NAME: PSFI-DETL-09-RECORD

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02/28/81

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Input File	**FILE ID:** PSFI	**RECORD NAME:** PSFI-DETL-09-RECORD	**PAGE:** 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PSFI-DETL-09-RECORD	GRP					1	80
03		PSFI-DETL-09-KEY	GRP					1	16
05	PS-PWS-ID	PSFI-DETL-09-PWS-ID		A/N	X(7)			8	7
05		PSFI-DETL-09-TRANSACTION-CODE		A/N	X(2)			8	9
05	PS-CONID	PSFI-DETL-09-CONTAMINANT-ID		A/N	X(4)			10	13
05	PS-AN-METH	PSFI-DETL-09-ANALYSIS-METHOD		A/N	X(3)			14	16
03	PS-D-ASIGN	PSFI-DETL-09-ANALYSIS-SIGN		A/N	X(1)			17	17
03	PS-D-ANRSL	PSFI-DETL-09-ANALYSIS-RESULT		N	9(4)			18	21
03	PS-D-ANDEC	PSFI-DETL-09-ANALYSIS-DECIMALS		N	9(1)			22	22
03	PS-R-APREC	PSFI-DETL-09-ANALYSIS PRECISION		A/N	X(4)			23	26
03	PS-D-ANDTE	PSFI-DETL-09-ANALYSIS-DATE		A/N	X(6)			27	32
03	PS-LOCAT	PSFI-DETL-09-SAMPLE-ID-CODE		A/N	X(3)			33	35
03	PS-SAMPLDT	PSFI-DETL-09-SAMPLE-DATE		A/N	X(6)			36	41

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Input File	FILE ID: PSFI	RECORD NAME: PSFI-DETL-09-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	PS-SAMPLTP	PSFI-DETL-09-SAMPLE-TYPE		A/N	X(1)			42	42
03	PS-SAMPLTM	PSFI-DETL-09-SAMPLE-TIME		A/N	X(4)			43	46
03	PS-LAB-ID	PSFI-DETL-09-LAB-ID		A/N	X(5)			47	51
03		Filler		A/N	X(9)			52	80
		Note: Mnemonics apply to data elements on the Periodic Sample File.							

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) :
Water Quality Compliance

DATE: 12/8/76

EXHIBIT: WAQC.209

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY: SAFI-PROC-ID

FILE NAME: Sample Analysis Processing Option

FILE ID: SAFI

RECORD NAME: SAFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Sample Analysis Processing Option	FILE ID: SAFI	RECORD NAME: SAFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-PROC-RECORD	Grp					1	80
03		SAFI-PROC-ID		A/N	X(4)			1	4
03		SAFI-PROC-DATE		A/N	X(6)			5	10
03		SAFI-PROC-OUTPUT		A/N	X(1)			11	11
03		SAFI-PROC-FIELD-SELECT		A/N	X(1)			12	12
03		FILLER		A/N	X(68)			13	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 12/8/76

EXHIBIT: WAQC.210

RECORD TYPE: FIXED

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY: SAFI-DELT-KEY

INPUT TO SUBSYSTEM (S) : Water Quality Compliance

FILE NAME: Sample Analysis Input File

FILE ID: SAFI

RECORD NAME: SAFI-DELT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Sample Analysis Input File	FILE ID: SAFI	RECORD NAME: SAFI-DELT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-DELT-RECORD	Grp					1	80
03		SAFI-DELT-KEY	Grp					1	26
05		SAFI-DELT-PWS-ID		A/N	X(7)			1	7
05		SAFI-DELT-TRANSACTION-CODE		A/N	X(2)			8	9
05		SAFI-DELT-CONTAMINANT-ID		A/N	X(4)			10	13
05		SAFI-DELT-ANAYLSIS-METHOD		A/N	X(3)			14	16
05		SAFI-DELT-SAMPLE-KEY		A/N	X(10)			17	26
03		FILLER		A/N	X(54)			27	80

Binder 24
02/28/81

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Water Quality Compliance

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

DATE: 2/28/81

EXHIBIT: WAQC.211

RECORD TYPE: Fixed

RECORD SIZE: 175

PAGE: 1 OF 6

RECORD ACCESS KEY:

PSF-TRANS-PWS-ID
PSF-TRANS-CONTAMINANT-ID
PSF-TRANS-ANALYSIS-METHOD
PSF-TRANS-SAMPLE-KEY

FILE NAME: PSF Transaction File

FILE ID: PSF

RECORD NAME: PSF-TRANS-RECORD

Binder 24
2/28/81

MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: PSF Transaction File	FILE ID: PSF	RECORD NAME: PSF-TRANS-RECORD	PAGE 2 OF 6

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PSF-TRANS-RECORD	GRP					1	142
03		PSF-TRANS-KEY	GRP					1	37
05	PS-PWS-ID	PSF-TRANS-PWS-ID	399	A/N	X(7)			1	7
05	PS-TRAN-CD	PSF-TRANS-TRANSACTION-CODE	817	A/N	X(2)			8	9
05	PS-CONID	PSF-TRANS-CONTAMINANT-ID	400*	A/N	X(4)			10	13
05	PS-SAMPLID	PSF-TRANS-SAMPLE-ID-CODE	401	A/N	X(3)			14	16
05	PS-SAMPLTP PS-SMPLTP	PSF-TRANS-SAMPLE-TYPE	402 900	A/N	X(1)			17	17
05	PS-SAMPLDT PS-SMPLDT	PSF-TRANS-SAMPLE-DATE	403 901	N	9(5)			18	22
05	PS-SAMPLTM	PSF-TRANS-SAMPLE-TIME	404	N	9(4)			23	26
05	PS-SAMPLKY	PSF-TRANS-SAMPLE-KEY	405	A/N	X(10)			27	36
05	PS-RECDTYP	PSF-TRANS-RECORD-TYPE	406	A/N	X(1)			37	37
03	PS-COMMENT	PSF-TRANS-BAC-TURB-COMMENTS	922	A/N	X(10)			38	47
03		FILLER		A/N	X(01)			48	48
03	PS-AN-METH	PSF-TRANS-ANALYSIS-METHOD	407	A/N	X(3)			49	51

*See Data Element Dictionary: Appendix A

315.01 (R)

Binder 24
02/28/81

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PSF Transaction File	**FILE ID:** PSF	**RECORD NAME:** PSF-TRANS-RECORD	**PAGE:** 3 **OF** 6

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	PS-LAB-ID PS-LB-ID	PSF-TRANS-LAB-ID	408 902	A/N	X(5)			52	56
03	PS-LAB-OWN	PSF-TRANS-LAB-OWNER-TYPE	819	A/N	X(1)			57	57
03		PSF-TRANS-DETL-ANALYSIS	GRP					58	68
05	PS-D-ANRSL	PSF-TRANS-DETL-ANALYSIS-RESULT	409	N	9(5)			58	62
05	PS-D-ANDEC	PSF-TRANS-DETL-ANALYSIS-DECIMALS	410	N	9(1)			63	63
05	PS-D-ANDTE	PSF-TRANS-DETL-ANALYSIS-DATE	411	N	9(5)			64	68
03		PSF-TRANS-SUMM-ANALYSIS	GRP					69	83
05	PS-S-HIRSL	PSF-TRANS-SUMM-HIGHEST-RESULT	412	N	9(4)			69	72
05	PS-S-HIDEC	PSF-TRANS-SUMM-HIGH-DECIMALS	413	N	9(1)			73	73
05	PS-S-LORSL	PSF-TRANS-SUMM-LOWEST-RESULT	414	N	9(4)			74	77
05	PS-S-LODEC	PSF-TRANS-SUMM-LOW-DECIMALS	415	N	9(1)			78	78
05	PS-S-MNRSL	PSF-TRANS-SUMM-MEAN-RESULT	416	N	9(4)			79	82
05	PS-S-MNDEC	PSF-TRANS-SUMM-MEAN-DECIMALS	417	N	9(1)			83	83
03		PSF-TRANS-NUM-SAMPLE	GRP					84	89

315.02 (R)

nder 24
28/81

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PSF Transaction File	FILE ID: PSF	RECORD NAME: PSF-TRANS-RECORD	PAGE: 4 OF 6

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
05	PS-REQ-SPL	PSF-TRANS-REQUIRED-NUM-SAMPLES	418	N	9(3)			84	86
05	PS-ACT-SPL	PSF-TRANS-ACTUAL-NUM-SAMPLES	419	N	9(3)			87	89
03		PSF-TRANS-SAMPLE-PERIOD	GRP						
05	PS-PRD-STR	PSF-TRANS-SAMPLE-PERIOD-START	420	N	9(5)			90	94
05	PS-PRD-END	PSF-TRANS-SAMPLE-PERIOD-END	421	N	9(5)			95	99
03	PS-LOCNM	PSF-TRANS-LOCATION-NAME	921	A/N	X(15)			100	114
03		FILLER		A/N	X(3)			115	117
03		PSF-TRANS-CHECK-SAMPLES	GRP					118	122
05	PS-CHK-FED	PSF-TRANS-CHECK-SAMPLE-FEDERAL	422	A/N	X(1)			118	118
05	PS-CHK-STA	PSF-TRANS-CHECK-SAMPLE-STAE	423	A/N	X(1)			119	119
05	PS-CHK-NUM	PSF-TRANS-CHECK-SAMPLE-NUMBER	424	N	9(3)			120	122
03		FILLER		A/N	X(6)			123	128
03		PSF-TRANS-NUMBER-VIOLATIONS	GRP					129	136
05	PS-FED-VIO	PSF-TRANS-FEDERAL-VIOLATIONS	425	N	9(4)			129	132

315.03 (R)

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02/28/81

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: PSF Transaction File	FILE ID: PSF	RECORD NAME: PSF-TRANS-RECORD	PAGE: 5 OF 6

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO					FROM	TO
05	PS-STA-VIO	PSF-TRANS-STATE-VIOLATIONS	426	N	9(4)			133	136
03	PS-VIO-DUR	PSF-TRANS-VIOLATION-DURATION	427	N	9(3)			137	139
03		PSF-TRANS-NOTIFIED	GRP					140	141
05	PS-NOTIPUB	PSF-TRANS-NOTIFIED-PUBLIC	428	A/N	X(1)			140	140
05	PS-NOTISTA	PSF-TRANS-NOTIFIED-STATE	429	A/N	X(1)			141	141
03	PS-ERR-IND	PSF-TRANS-ERROR-INDICATOR	818	A/N	X(1)			142	142
03	PS-R-LORSL	PSF-TRANS-RADS-LOWEST-RESULT	924	N	9(5)			143	147
03	PS-R-LODEC	PSF-TRANS-RADS-LOW-DECIMALS	925	N	9(1)			148	148
03	PS-R-LSIGN	PSF-TRANS-RADS-LOW-RESULT-SIGN	926	A/N	X(1)			149	149
03	PS-R-HIRSL	PSF-TRANS-RADS-HIGHEST-RESULT	927	N	9(5)			150	154
03	PS-R-HIDEC	PSF-TRANS-RADS-HIGH-DECIMALS	928	N	9(1)			155	155
03	PS-R-HSIGN	PSF-TRANS-RADS-HI-RESULT-SIGN	929	A/N	X(1)			156	156
03	PS-D-ASIGN	PSF-TRANS-DETL-AN-RESULT-SIGN	930	A/N	X(1)			157	157

315.04 (R)

MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: PSF Transaction File	**FILE ID:** PSF	**RECORD NAME:** PSF-TRANS-RECORD	**PAGE:** 6 **OF** 6

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	PS-R-APREC	PSF-TRANS-ANAL-RESULT-							
		PRECISION	931	N	9(4)			158	161
03		FILLER		A/N	X(14)			162	175
		NOTE: Mnemonics apply to							
		data elements on the							
		Periodic Sample File.							

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 12-10-76

EXHIBIT: WAQC.212

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY: VIFI-SORT-RECORD

INPUT TO SUBSYSTEM (S) : Water Quality Compliance

FILE NAME: Processing Options

FILE ID: VIFI

RECORD NAME: VIFI-SORT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: VIFI	RECORD NAME: VIFI-SORT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-SORT-RECORD	GRP					1	80
03		VIFI-SORT-ID		A/N	X(4)			1	4
03		VIFI-SORT-INFO	GRP			5		5	69
05		VIFI-SORT-SEQUENCE		A/N	X(2)				
05		VIFI-SORT-MNEMONIC		A/N	X(10)				
05		VIFI-SORT-MODE		A/N	X(1)				
03		FILLER		A/N	X(11)			70	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance

INPUT TO SUBSYSTEM (S) : Water Quality Compliance

DATE: 12-20-76

EXHIBIT: WAQC.213

RECORD TYPE: Fixed

RECORD SIZE: 203

PAGE: 1 OF 2

RECORD ACCESS KEY: VIFI-H-R-ID

FILE NAME: Violations File

FILE ID: VIFI

RECORD NAME: VIFI-HEDR-REPT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Violations File	FILE ID: VIFI	RECORD NAME: VIFI-HEDR-REPT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-HEDR-REPT-RECORD	GRP					1	203
03		VIFI-H-R-ID		A/N	X(4)			1	4
03		VIFI-H-R-DATE		A/N	X(6)			5	10
03		VIFI-H-R-COMPL-CYCLE		N	9(2)			11	12
03		VIFI-H-R-FROM-DATE		A/N	X(6)			13	18
03		VIFI-H-R-UNTIL-DATE		A/N	X(6)			19	24
03		FILLER		A/N	X(179)			25	203

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

DATE: 12/14/76

EXHIBIT: WAQC.214

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY: PSFI-PROC-ID

FILE NAME: Periodic Sample Processing Options

FILE ID: PSFI

RECORD NAME: PSFI-PROC-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Periodic Sample Processing Options	FILE ID: PSFI	RECORD NAME: PSFI-PROC-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PSFI-PROC-RECORD	Grp					1	80
03		PSFI-PROC-ID		A/N	X(4)			1	4
03		PSFI-PROC-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(70)			11	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) : Water Quality Compliance

DATE: 12-14-76

EXHIBIT: WAQC.215

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY: SAFI-PROC-ID

FILE NAME: Processing Options

FILE ID: SAFI

RECORD NAME: SAFI-PROC-PURGE-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: SAFI	RECORD NAME: SAFI-PROC-PURGE-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-PROC-PURGE-RECORD	GRP					1	80
03		SAFI-PROC-ID		A/N	X(4)			1	4
03		SAFI-PROC-CURRENT-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(3)			11	13
03		SAFI-PROC-PURGE-INFO	GRP			5		14	48
05		SAFI-PROC-PURGE-DATE		A/N	X(6)				
05		SAFI-PROC-CONT-ID		A/N	X(1)				
03		SAFI-PROC-REPORT-OPTION		A/N	X(1)			49	49
03		FILLER		A/N	X(31)			50	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance

INPUT TO SUBSYSTEM (S) : Water Quality Compliance

DATE: 2-28-77

EXHIBIT: WAQC.216

RECORD TYPE: Fixed

RECORD SIZE: 203

PAGE: 1 OF 4

RECORD ACCESS KEY:

VIFI-M-PWS-ID
VIFI-M-VIOLATION-TYPE
VIFI-M-VIOLATION-DATE

FILE NAME: MCL Violations Records File

FILE ID: VIFI

RECORD NAME: VIFI-M-REPT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: MCL Violations Records File	FILE ID: VIFI	RECORD NAME: VIFI-M-REPT-RECORD	PAGE: 2 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-M-REPT-RECORD	GRP					1	203
03	VI-PWS-ID	VIFI-M-PWS-ID		A/N	X(7)			1	7
03	VI-PWS-NAM	VIFI-M-PWS-NAME		A/N	X(30)			8	37
03	VI-PWS-TYP	VIFI-M-PWS-TYPE		A/N	X(1)			38	38
03	VI-POPULAT	VIFI-M-POPULATION		A/N	X(9)			39	47
03	VI-RES-LVL	VIFI-M-REGULATION-LEVEL		A/N	X(2)			48	49
03	VI-CONT-ID	VIFI-M-CONTAMINANT-ID		A/N	X(4)			50	53
03	VI-SAC-CD	VIFI-M-SOURCE-CODE		A/N	X(1)			54	54
03	VI-LAB-ID	VIFI-M-LAB-ID		A/N	X(5)			55	59
03	VI-LAB-NAME	VIFI-M-LAB-NAME		A/N	X(30)			60	89
03	VI-SPLDATE	VIFI-M-SAMPLE-DATE		N	9(5)			90	94
03		FILLER		A/N	X(8)			95	102
03	VI-AN-METH	VIFI-M-ANALYSIS-METHOD		A/N	X(3)			103	105
03	VI-AN-RESL	VIFI-M-ANALYSIS-RESULT		N	9(5)			106	110

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03/15/82

NOTE: Mnemonics apply to data elements on the Violations File (VIF)

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: MCL Violations Records File	FILE ID: VIFI	RECORD NAME: VIFI-M-REPT-RECORD	PAGE: 3 OF 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03	VI-AN-DEC	VIFI-M-ANALYSIS-DECIMALS		N	9(1)			111	111
03	VI-ANDATE	VIFI-M-ANALYSIS-DATE		N	9(5)			112	116
03		FILLER		A/N	X(5)			117	121
03	VI-VIOL-TP	VIFI-M-VIOLATION-TYPE		A/N	X(2)			122	123
03	VI-VIOL-DT	VIFI-M-VIOLATION-DATE		N	9(5)			124	128
03	VI-MCLVIOL	VIFI-M-MCL-VIOLATED		N	9(5)			129	133
03	VI-MCLDEC	VIFI-M-MCL-VIOL-DECIMALS		N	9(1)			134	134
03		FILLER		A/N	X(7)			135	141
03	VI-VIOL-DUR	VIFI-M-VIOLATION-DURATION		N	9(3)			142	144
03	VI-NOTIPUB	VIFI-M-NOTIFY-PUBLIC		A/N	X(1)			145	145
03	VI-NOTISTA	VIFI-M-NOTIFY-STATE		A/N	X(1)			146	146
03	VI-REGION	VIFI_M-REGION		A/N	X(2)			147	148
03	VI-DISTRIC	VIFI-M-DISTRICT		A/N	X(2)			149	150
03	VI-SPLTYPE	VIFI-M-SAMPLE-TYPE		A/N	X(1)			151	151

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: MCL Violations Records File | **FILE ID:** VIFI | **RECORD NAME:** VIFI-M-REPT-RECORD | **PAGE:** 4 **OF** 4

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		FILLER		A/N	X(17)			152	168
03		VIFI-M-CONTAMINANT-NAME		A/N	X(30)			169	198
03		FILLER		A/N	X(5)			199	203

EXHIBIT NO. WAQC.217

has been intentionally left out.

NOTES

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

DATE: 2-9-77

EXHIBIT: WAQC.218

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

SAFI-PROC-ID

FILE NAME: Processing Options

FILE ID: SAFI

RECORD NAME: SAFI-PROC-COMP-RECORD

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: SAFI	RECORD NAME: SAFI-PROC-COMP-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-PROC-COMP-RECORD	GRP					1	80
03		SAFI-PROC-ID		A/N	X(4)			1	4
03		SAFI-PROC-DATE		A/N	X(6)			5	10
03		SAFI-PROC-LAG		A/N	X(2)			11	12
03		SAFI-PROC-COMPL-CYCLE		A/N	X(2)			13	14
03		SAFI-PROC-AIR-TEMP		A/N	X(3)			15	17
03		SAFI-PROC-UNITS		A/N	X(1)			18	18
03		SAFI-PROC-SEASON-START		A/N	X(6)			19	24
03		SAFI-PROC-SEASON-END		A/N	X(6)			25	30
03		SAFI-PROC-OPERATION-REPORT		A/N	X(4)			31	34
03		SAFI-PROC-RETAIN-CODE		A/N	X(1)			35	35
03		FILLER		A/N	X(45)			36	80

Binder 24
11/15/79

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance

INPUT TO SUBSYSTEM (S) : Water Quality Compliance

DATE: 10-8-79

EXHIBIT: WAQC.219

RECORD TYPE: Fixed

RECORD SIZE: 155

PAGE: 1 OF 2

RECORD ACCESS KEY: SAFI-SORT-LOW-VALUES

FILE NAME: Contaminant Schedule File

FILE ID: Temporary SAFI

RECORD NAME: SAFI-HEDR-SCHED-RECORD

Binder 24
11/15/79

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Contaminant Schedule File	FILE ID: SAFI	RECORD NAME: SAFI-HEDR-SCHED-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-HEDR-SCHED-RECORD	GRP					1	155
03		SAFI-SORT-LOW-VALUES		A/N	X(112)			1	112
03		SAFI-H-S-REPORT-FLAGS	GRP					113	116
05		SAFI-H-S-SCHED-REPORT		A/N	X(1)			113	113
05		SAFI-H-S-SAMPLE-FORMS		A/N	X(1)			114	114
05		SAFI-H-S-LIST-FORMS		A/N	X(1)			115	115
05		SAFI-H-S-SUMMARY-FORMS		A/N	X(1)			116	116
03		FILLER		A/N	X(18)			117	134
03		SAFI-H-S-SCHED-DATE		A/N	X(6)			135	140
03		FILLER		A/N	X(15)			141	155

Binder 24
11/15/79

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Water Quality Compliance

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

DATE: 10-8-79

EXHIBIT: WAQC.220

RECORD TYPE: Fixed

RECORD SIZE: 155

PAGE: 1 OF 3

RECORD ACCESS KEY:

SAFI-S-PWS-ID
SAFI-S-ENTRY-POINT-ID

Temporary

FILE NAME: Contaminant Schedule File

FILE ID: SAFI

RECORD NAME: SAFI-SCHED-RECORD

Binder 24
11/15/79

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Contaminant Schedule File	**FILE ID:** SAFI	**RECORD NAME:** SAFI-SCHED-RECORD	**PAGE:** 2 **OF** 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-SCHED-RECORD	GRP					1	155
03		SAFI-S-PWS-ID		A/N	X(7)			1	7
03		SAFI-S-MAILING-ADDRESS	GRP					8	104
05		SAFI-S-MAILING-NAME		A/N	X(30)			8	37
05		SAFI-S-MAILING-STREET		A/N	X(30)			38	67
05		SAFI-S-MAILING-CITY		A/N	X(30)			68	97
05		SAFI-S-MAILING-STATE		A/N	X(2)			98	99
05		SAFI-S-MAILING-ZIP-CODE		A/N	X(5)			100	104
03		SAFI-S-PWS-REGION		A/N	X(2)			105	106
03		SAFI-S-PWS-DISTRICT		A/N	X(2)			107	108
03		SAFI-S-PWS-POPULATION		A/N	X(9)			109	117
03		SAFI-S-PWS-TYPE		A/N	X(1)			118	118
03		SAFI-S-TRANSACTION-CODE		A/N	X(2)			119	120
03		SAFI-S-CONTAMINANT-ID		A/N	X(4)			121	124

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Contaminant Schedule File	**FILE ID:** SAFI	**RECORD NAME:** SAFI-SCHED-RECORD	**PAGE:** 3 **OF** 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		SAFI-S-CONTAM-NAME		A/N	X(15)			125	139
03		SAFI-S-SAMPLE-PERIOD-START		A/N	X(6)			140	145
03		SAFI-S-SAMPLE-PERIOD-END		A/N	X(6)			146	151
03		SAFI-S-NUMBER-SAMPLES		N	9(3)			152	154
03		SAFI-S-ENTRY-POINT-ID		A/N	X(1)			155	155

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:

FILE ID:

RECORD NAME:

PAGE: **OF**

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

Water Quality Compliance

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

DATE: 2-20-77

EXHIBIT: WAQC.221

RECORD TYPE: Fixed

RECORD SIZE: 247

PAGE: 1 OF 2

RECORD ACCESS KEY: SAFI-HC-ID

FILE NAME: Sample Analysis File

FILE ID: SAFI Temporary

RECORD NAME: SAFI-HEDR-COMP-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Sample Analysis File	FILE ID: SAFI	RECORD NAME: SAFI-HEDR-COMP-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-HEDR-COMP-RECORD	GRP					1	247
03		SAFI-HC-ID		A/N	X(4)			1	4
03		SAFI-HC-DATE		A/N	X(6)			5	10
03		SAFI-HC-LAG		A/N	X(2)			11	12
03		SAFI-HC-COMPL-CYCLE		A/N	X(2)			13	14
03		SAFI-HC-AIR-TEMP		A/N	X(3)			15	17
03		SAFI-HC-UNITS		A/N	X(1)			18	18
03		SAFI-HC-SEASON-START		A/N	X(6)			19	24
03		SAFI-HC-SEASON-END		A/N	X(6)			25	30
03		SAFI-HC-OPERATION-REPORT		A/N	X(4)			31	34
03		SAFI-HC-RETAIN-CODE		A/N	X(1)			35	35
03		FILLER		A/N	X(212)			36	247

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) : Water Quality Compliance

DATE: 1-4-77

EXHIBIT: WAQC.222

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY: VIFI-PROC-ID

FILE NAME: Processing Options

FILE ID: VIFI

RECORD NAME: VIFI-PROC-UPDT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options	FILE ID: VIFI	RECORD NAME: VIFI-PROC-UPDT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-PROC-UPDT-RECORD	GRP					1	80
03		VIFI-PROC-ID		A/N	X(4)			1	4
03		VIFI-PROC-DATE		A/N	X(6)			5	10
03		VIFI-PROC-OUTPUT		A/N	X(1)			11	11
03		VIFI-PROC-FIELD-SELECT		A/N	X(1)			12	12
03		VIFI-PROC-SHF-RECORD		A/N	X(1)			13	13
03		FILLER		A/N	X(67)			14	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :	DATE: 1-4-77	EXHIBIT: WAQC.223
	RECORD TYPE: Fixed RECORD SIZE: 80	PAGE: 1 OF 2
INPUT TO SUBSYSTEM (S) : Water Quality Compliance	RECORD ACCESS KEY: VIFI-TR00-TRANSACTION-CODE VIFI-TR00-VIOLATION-ID	
FILE NAME: Input Transactions FILE ID: VIFI	RECORD NAME: VIFI-TR00-UPDT-RECORD	

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: VIFI	RECORD NAME: VIFI-TR00-UPDT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-TR00-UPDT-RECORD	GRP					1	80
03		VIFI-TR00-VIOLATION-ID		A/N	X(5)			1	5
03		VIFI-TR00-TRANSACTION-CODE		A/N	X(2)			6	7
03		VIFI-TR00-CREATE-DELETE-FLAG		A/N	X(1)			8	8
03		FILLER		A/N	X(72)			9	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

DATE: 9-1-79

EXHIBIT: WAQC.224

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY:

VIFI-TR01-TRANSACTION-CODE
VIFI-TR01-VIOLATION-ID

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

FILE NAME: Input Transactions

FILE ID: VIFI

RECORD NAME: VIFI-TR01-UPDT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: VIFI	RECORD NAME: VIFI-TR01-UPDT-RECORD	PAGE: 2 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-TR01-UPDT-RECORD	GRP					1	80
03		VIFI-TR01-VIOLATION-ID		A/N	X(5)			1	5
03		VIFI-TR01-TRANSACTION-CODE		A/N	X(2)			6	7
03		VIFI-TR01-PWS-ID		A/N	X(7)			8	14
03		VIFI-TR01-REGULATION-LEVEL		A/N	X(2)			15	16
03		VIFI-TR01-CONTAMINANT-ID		A/N	X(4)			17	20
03		VIFI-TR01-LAB-ID		A/N	X(5)			21	25
03		VIFI-TR01-SAMPLE-DATE		A/N	X(6)			26	31
03		VIFI-TR01-SAMPLES-NUM-REQUIRED		A/N	X(4)			32	35
03		VIFI-TR01-SAMPLES-NUM-TAKEN		A/N	X(4)			36	39
03		VIFI-TR01-ANALYSIS-METHOD		A/N	X(3)			40	42
03		VIFI-TR01-ANALYSIS-RESULT		A/N	X(5)			43	47
03		VIFI-TR01-ANALYSIS-DECIMALS		A/N	X(1)			48	48
03		VIFI-TR01-ANALYSIS-DATE		A/N	X(6)			49	54

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	**FILE ID:** VIFI	**RECORD NAME:** VIFI-TR01-UPDT-RECORD	**PAGE:** 3 **OF** 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		VIFI-TR01-SAMPLING-CUTOFF-DT		A/N	X(6)			55	60
03		VIFI-TR01-ENTRY-POINT-NAME		A/N	X(15)			61	75
03		VIFI-TR01-ENTRY-POINT-ID		A/N	X(1)			76	76
03		Filler		A/N	X(4)			77	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION									
DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance

INPUT TO SUBSYSTEM (S) : Water Quality Compliance

DATE: 1-10-77
Revised 1-15-82

EXHIBIT: WAQC.225

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 3

RECORD ACCESS KEY:
VIFI-TR02-TRANSACTION CODE
VIFI-TR02-VIOLATION-ID

FILE NAME: Input Transactions

FILE ID: VIFI

RECORD NAME: VIFI-TR02-UPDT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	**FILE ID:** VIFI	**RECORD NAME:** VIFI-TR02-UPDT-RECORD	**PAGE:** 2 **OF** 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		VIFI-TR02-UPDT-RECORD	GRP					1	80
03		VIFI-TR02-VIOLATION-ID		A/N	X(5)			1	5
03		VIFI-TR02-TRANSACTION-CODE		A/N	X(2)			6	7
03		VIFI-TR02-VIOLATION-TYPE		A/N	X(2)			8	9
03		VIFI-TR02-VIOLATION-DATE		A/N	X(6)			10	15
03		VIFI-TR02-MCL-VIOLATED		A/N	X(5)			16	20
03		VIFI-TR02-MCL-VIOL-DECIMALS		A/N	X(1)			21	21
03		VIFI-TR02-SAMPLING-FREQ-VIOL		A/N	X(3)			22	24
03		VIFI-TR02-NUM-SAMPLES-VIOL		A/N	X(4)			25	28
03		VIFI-TR02-VIOLATION-DURATION		A/N	X(3)			29	31
03		VIFI-TR02-NOTIFY-PUBLIC		A/N	X(1)			32	32
03		VIFI-TRO2-NOTIFY-STATE		A/N	X(1)			33	33
03		VIFI-TR02-SAMPLE-TYPE		A/N	X(1)			34	34
03		VIFI-TR02-SAMPLE-KEY		A/N	X(10)			35	44

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Input Transactions	FILE ID: VIFI	RECORD NAME: VIFI-TR02-UPDT-RECORD	PAGE: 3 OF 3

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
03		VIFI-TR02-DATE-LAST-REPORT		A/N	X(6)			45	50
03		VIFI-TR02-TIME-SINCE-REPORT		A/N	X(2)			51	52
03		FILLER		A/N	X(28)			53	80

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME:	FILE ID:	RECORD NAME:	PAGE: OF

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) : Water Quality Compliance

DATE: 10/07/81

EXHIBIT: WAQC.226

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PSFI-PROC-ID

PSFI-PROC-SEQ-NUM

FILE NAME: Processing Options File

FILE ID: PSFI

RECORD NAME: PSFI-PROC-REPT-OPTS-RECORDS

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

FILE NAME: Processing Options File

FILE ID: PSFI

RECORD NAME: PSFI-PROC-REPT-OPTS-RECORD

PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PSFI-PROC-REPT-OPTS-RECORD		GRP				1	80
03		PSFI-PROC-RO-KEY		GRP				1	6
05		PSFI-PROC-ID		A/N	X(4)			1	4
05		PSFI-PROC-SEQ-NUM		A/N	X(2)			5	6
03		PSFI-PROC-RO-DATE		GRP				7	12
05		PSFI-PROC-RO-MNTH		A/N	X(2)			7	8
05		PSFI-PROC-RO-DAYS		A/N	X(2)			9	10
05		PSFI-PROC-RO-YEAR		A/N	X(2)			11	12
03		PSFI-PROC-FILE-SELT		A/N	X(1)			13	13
03		PSFI-PROC-RO-REPT-TYPE		A/N	X(1)			14	14
03		FILLER		A/N	X(66)			15	80

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MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

353.02 (R)

OUTPUT OF SUBSYSTEM (S) :

INPUT TO SUBSYSTEM (S) :

Water Quality Compliance

DATE: 10/05/81

EXHIBIT: WAQC.227

RECORD TYPE: Fixed

RECORD SIZE: 80

PAGE: 1 OF 2

RECORD ACCESS KEY:

PSFI-PROC-ID

PSFI-PROC-SEQ-NUM

FILE NAME: Processing Options File

FILE ID: PSFI

RECORD NAME: PSFI-PROC-ENT-RECORD

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354 (R)

MODEL STATE INFORMATION SYSTEM
RECORD DEFINITION

FILE NAME: Processing Options File	FILE ID: PSFI	RECORD NAME: PSFI-PROC-ENT-RECORD •	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		PSFI-PROC-ENT-RECORD		GRP				1	80
03		PSFI-PROC-ENT-KEY		GRP				1	6
05		PSFI-PROC-ID		A/N	X(4)			1	4
05		PSFI-PROC-SEQ-NUM		A/N	X(2)			5	6
03		PSFI-PROC-ENT-TBL-VAL		GRP				7	78
05		PSFI-PROC-ENT-CONTAM		A/N	X(4)			7	10
05		PSFI-PROC-ENT-ANALYS		A/N	X(3)			11	13
05		PSFI-PROC-ENT-PCT		A/N	X(2)			14	15
03		FILLER		A/N	X(2)			79	80

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

OUTPUT OF SUBSYSTEM (S) : Water Quality Compliance

INPUT TO SUBSYSTEM (S) :

DATE: 2-21-77

EXHIBIT: WAQC.228

RECORD TYPE: Fixed

RECORD SIZE: 247

PAGE: 1 OF 2

RECORD ACCESS KEY: SAFI-H-R-ID

Chemical/Radiological/Bacteriological/ Temporary

FILE NAME: Turbidity Select File

FILE ID: SAFI

RECORD NAME: SAFI-HEDR-REPT-RECORD

MODEL STATE INFORMATION SYSTEM

RECORD DEFINITION

Chemical/Radiological/Bacteriological/

FILE NAME: Turbidity Select File	FILE ID: SAFI	RECORD NAME: SAFI-HEDR-REPT-RECORD	PAGE: 2 OF 2

FIELD DESCRIPTION

DATA ELEMENT				DATA TYPE	PICTURE	OCCUR	VAR	POSITIONS	
LEVEL	MNEMONIC	PROGRAM NAME	CAT. NO.					FROM	TO
01		SAFI-HEDR-REPT-RECORD	GRP					1	247
03		SAFI-H-R-ID		A/N	X(4)			1	4
03		SAFI-H-R-DATE		A/N	X(6)			5	10
03		FILLER		A/N	X(2)			11	12
03		SAFI-H-R-FROM-DATE		A/N	X(6)			13	18
03		SAFI-H-R-UNTIL-DATE		A/N	X(6)			19	24
03		SAFI-H-R-SUMMARY-LIST		A/N	X(1)			25	25
03		FILLER		A/N	X(222)			26	247